



OFFICE OF THE COUNTY MEDICAL OFFICER OF HEALTH,  
SHIRE HALL, WARWICK.

July 26th, 1933.

## To the Warwickshire County Council.

MY LORD, LADIES AND GENTLEMEN,

1. I have the honour to present my Fourteenth Annual Report on the health of the Administrative County of Warwick for the year ending December 31st, 1932.
2. The Report has been drawn up on the lines indicated in Circular 1269 of the Ministry of Health, reference being made to action taken by the Council under Sec. 58 and Sec. 63 of the Local Government Act, 1929, in the promoting of schemes for the provision of whole-time Medical Officers of Health and Isolation Hospital Accommodation, although such schemes were not completed until the early months of 1933.

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

3. AREA.—The area of the County since the alteration in boundaries, the last of which took effect on April 1st, 1932, is now 553,777 acres, this figure being divided as between Urban Areas, 78,303, and Rural Areas, 475,474.
4. POPULATION.—The population of the Administrative County, estimated by the Registrar General at the middle of the year 1932, was 357,800, the Urban Districts accounting for 220,000, and the Rural Districts 137,800.

#### 5. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

| Births :   | Total. | Male.               | Female. |                                      |
|--|--------|---------------------|---------|--------------------------------------|
| Legitimate ... ..  | 5,336  | 2,736               | 2,600   | } Birth Rate<br>15.38                |
| Illegitimate ... ..  | 222    | 126                 | 96      |                                      |
| Stillbirths ... ..   | 194    | 112                 | 82      | Rate per 1,000 total<br>Births 34.90 |
| Deaths ... ..  | 4,164  | 2,058               | 2,106   | Death Rate 11.52                     |
| Number of women dying in, or in consequence of, childbirth.          |        |                     |         | From Sepsis ... 7                    |
|  |        |                     |         | Other Causes ... 14                  |
| Maternal Mortality, per 1,000 births                                 |        |                     |         | ... 3.7                              |
| Death-rate of Infants under one year of age per 1,000 Live Births :— |        |                     |         |                                      |
| Legitimate ... ..  | 52.5   | Illegitimate ... .. | 3.4     | Total ... .. 55                      |
| Deaths from Measles (all ages)                                       | ...    | ...                 | ...     | 25                                   |
| „ „ Whooping Cough (all ages)  | ...    | ...                 | ...     | 29                                   |
| „ „ Diarrhoea (under 2 years of age)                                 | ...    | ...                 | ...     | 13                                   |

6. BIRTHS.—A further slight reduction in the Birth-rate is again recorded, 5,558 births being registered, giving a birth-rate of 15.38 per 1,000 of population, as against 15.69 in the previous year. This is the lowest rate ever recorded in the County. Of these births 3,035 occurred in the Urban Districts, and 2,493 in the Rural Districts, the Urban rate being 14.60 and the Rural 16.45.

7. Notification of Births.—It is gratifying to record that only 37 of the Registered Births during the year were unnotified, Midwives being responsible for this omission in 3 instances and Doctors in 34. Since 1930 notification has been made direct to the County Council and unnotified births have been followed up, first by communicating with the parent and then the responsible person, doctor or midwife, present at the birth. The number that escape notification is small, but it is hoped that next year as a result of stimulation and reminders figure will be negligible.



8. DEATHS.—4,164 deaths were registered in the Administrative County, a death-rate of 11.52 per 1,000 of population, compared with 12.0 per 1,000 for the whole of England and Wales. The death-rate in the County for the previous year was 11.06. In the Urban Districts the death-rate was 11.34 and in the Rural Districts 11.76 per 1,000 of population.
9. Of the total deaths registered in the County, 821 were due to Heart Disease, 533 to Cancer and other Malignant Diseases, 232 to Pneumonia, and 209 to Respiratory Diseases other than Tuberculosis.
10. 180 deaths were registered from Pulmonary Tuberculosis, representing a Phthisis death-rate of 0.49 per 1,000 of population.
11. Influenza accounted for 162 deaths as against 115 in 1931, 44 in 1930 and 274 in 1929.
12. *Infant Mortality*.—311 deaths were registered in children under one year, representing an Infant Death-Rate of 55 per 1,000 births, the same figure as that recorded in the previous year. In the Urban Districts the rate was 52, and in the Rural Districts 60 per 1,000 births, as compared with 58 and 53 respectively in the previous year.
13. It is regrettable to find the Rural rate so high, reference to the death returns shewing that the excess in Rural over Urban deaths among infants was due to Influenza, Bronchitis, Pneumonia, and to a slight extent to congenital debility and Premature Birth.
14. This latter cause accounts for 58.8 per cent. of all the deaths under one year, as against 60 per cent. in the previous year, and as pointed out in my last Annual Report, calls for the continued education of the expectant mother in the care of her health during pregnancy. Education should, however, go further in the form of mothercraft instruction and social hygiene among the elder girls of our Elementary and Secondary Schools throughout the County, in order to fit them better for married life and to prepare them for the responsibility of motherhood. Criticism is levelled against our Ante-natal instructional methods, and while these very rightly call for improvement, damage is frequently done either before information of pregnancy reaches Doctor or Midwife, or even before pregnancy occurs at all.

### GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

15. CONSULTING COUNTY MEDICAL OFFICER OF HEALTH.—It is with very deep regret that I have to record the death on November 5th, 1932, of Professor A. BOSTOCK HILL, Consulting Medical Officer of Health for the County of Warwick. This indeed came as a great blow to all who were associated with him professionally and privately, but particularly to myself, who could always look to him for advice and guidance in any administrative difficulty, where long experience of the Public Health Service was of such material benefit in securing sound judgment, and whose prescience in such matters was of inestimable value. The County Council at their meeting on November 16th recorded their appreciation of "his long and valuable services, more particularly as a pioneer in the development of the Council's health services, the employment of Health Visitors, and as the founder of the movement known as 'Health Week,' which is now observed, not only throughout the country, but in many parts of the world."

16. PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

COUNTY MEDICAL OFFICER OF HEALTH, SCHOOL MEDICAL OFFICER  
AND EXECUTIVE OFFICER UNDER THE MIDWIVES ACTS:—

ANDREW HAMILTON WOOD, M.D. Ed., D.P.H.

ASSISTANT COUNTY MEDICAL OFFICERS OF HEALTH, AND ASSISTANT  
SCHOOL MEDICAL OFFICERS:—

HERBERT C. H. BRACEY, M.B.Ch.B. Birm., D.P.H.

(Senior Assistant).

MICHAEL J. KELLY, M.B.Ch.B., N.U.I., D.P.H.





KATHERINE SCOTT, M.B.Ch.B., Glas.

(Maternity and Child Welfare).

AGNES H. M. YOUNG, M.B.Ch.B., Glas., D.P.H.

MARY V. LITTLEJOHN, M.B.Ch.B., Aber., D.P.M. Lond., D.P.H.

L. L. FYFE, M.D., Glas., F.R.F.P.S., D.P.H.

(M.O.H. for Borough and Rural District of Stratford-on-Avon and Assistant School Medical Officer).

TUBERCULOSIS OFFICERS :—

CHIEF TUBERCULOSIS OFFICER, WARWICKSHIRE AND COVENTRY  
JOINT COMMITTEE FOR TUBERCULOSIS :—

J. McGEAGH WILLIAMS, M.D. Belf., D.P.H.

ASSISTANT TUBERCULOSIS OFFICERS :—

RICHARD J. CYRIAX, M.D. Brux., L.M.R.C.P.I., D.P.H.

ARCH. OGG, M.A., M.B.Ch.B. Glas., D.P.H.

MEDICAL SUPERINTENDENT, Memorial Sanatorium, Hertford Hill, Warwick :—

CORYDON H. BUDGE, M.R.C.S. Eng., L.R.C.P. Lond., D.P.H.

OBSTETRIC CONSULTANTS :—

Professor H. BECKWITH WHITEHOUSE, M.S. Lond., F.R.C.S. Eng.

Dr. G. G. ALDERSON, B.A. Camb., M.B., F.R.C.S. Eng.

DENTAL SURGEONS :—

B. M. MARTIN, L.D.S.

R. C. VIRGO, L.D.S.

A. TOPPING, L.D.S.

S. P. MEACOCK, M.R.C.S., L.R.C.P., L.D.S.

D. H. COUCH, M.R.C.S., L.R.C.P., L.D.S.

A. G. FINCH, L.D.S., half-time.

} Half-time.

VENEREAL DISEASES OFFICERS (Part-time) :—

P. G. HORSBURGH M.R.C.S., L.R.C.P., D.P.H., Nuneaton Clinic.

L. L. FYFE, M.D., F.R.F.P.S., D.P.H., Hospital of St. Cross, Rugby.

G. G. ALDERSON, B.A., Camb., M.B., F.R.C.S. Eng.

(Resigned 31-3-33).

G. G. C. TAYLOR, M.B., B.S., F.R.C.S. Eng.

A. HAWLEY, O.B.E., M.B., Ch.B. Birm., Coventry and Warwickshire Hospital,  
Coventry.

} Warneford Hospital, Leam-  
ington.

MEDICAL OFFICER FOR MATERNITY AND CHILD WELFARE :—

KATHERINE SCOTT, M.B.Ch.B., Glas.

OPHTHALMIC SURGEONS (Part-time) :—

W. H. BRAZIL, M.D. Lond., B.Sc., D.P.H., Warwick Eye Clinic.

R. F. JONES, M.A., M.B.Ch.B., Tamworth Eye Clinic.

E. L. HOWELL JONES, M.R.C.S., L.R.C.P., Shipston-on-Stour Eye Clinic.

DISTRICT MEDICAL OFFICERS UNDER POOR LAW ACTS.

| <i>Area.</i>         | <i>District.</i>       | <i>Name.</i>    |
|----------------------|------------------------|-----------------|
| Atherstone           | Atherstone             | H. R. FISHER.   |
|                      | Polesworth             | W. ANDERSON.    |
| Meriden and Solihull | Coleshill and Maxstoke | A. CANT.        |
|                      | Fillongley             | H. P. THOMASON. |
|                      | Meriden                | A. O. ENGLISH.  |
|                      | Castle Bromwich        | W. SUMMERS.     |
|                      | Knowle                 | J. O. HOLLICK.  |
|                      | Solihull and Lyndon    | E. F. PAGE.     |
|                      | Tanworth               | F. SANGER.      |



| <i>Area.</i>           |     | <i>District.</i>                   | <i>Name.</i>        |
|------------------------|-----|------------------------------------|---------------------|
| Nuneaton               | ... | Arley ...                          | H. P. THOMASON.     |
|                        |     | Anstey ...                         | A. A. CARRUTHERS.   |
|                        |     | Bedworth ...                       | L. E. ORTON.        |
|                        |     | Burton Hastings ...                | C. O'DONOVAN.       |
|                        |     | Chilvers Coton ...                 | L. E. PRICE.        |
|                        |     | Exhall ...                         | H. P. THOMASON.     |
|                        |     | Wolvey ...                         | A. A. CARRUTHERS.   |
|                        |     | Nuneaton ...                       | A. A. WOOD.         |
| Rugby                  | ... | Bilton ...                         | D. WARDROP.         |
|                        |     | Brinklow ...                       | M. H. WATTHEWS.     |
|                        |     | Dunchurch ...                      | R. A. EDMONDSON.    |
|                        |     | Monks Kirby ...                    | M. H. WATTHEWS.     |
|                        |     | Marton ...                         | A. H. N. TODD.      |
|                        |     | Rugby ...                          | C. H. GREGORY.      |
|                        |     | Wolston ...                        | G. CAMPBELL.        |
| Stratford-on-Avon      | ... | Alcester ...                       | W. F. BUCKLE.       |
|                        |     | Alveston ...                       | R. L. GREENE.       |
|                        |     | Bickmarsh ...                      | H. M. CRAWFORD.     |
|                        |     | Bidford ...                        | H. M. CRAWFORD.     |
|                        |     | Brailes and Shipston ...           | W. C. C. EASTON.    |
|                        |     | Chipping Norton ...                | W. C. C. EASTON.    |
|                        |     | Halford ...                        | P. K. WALKER.       |
|                        |     | Kineton ...                        | L. J. H. OLDMEADOW. |
|                        |     | Snitterfield ...                   | P. T. SUTCLIFFE.    |
|                        |     | Stratford-on-Avon ...              | R. L. GREENE.       |
|                        |     | Studley ...                        | S. BODGER.          |
|                        |     | Welford ...                        | D. S. MURRAY.       |
|                        |     | Wellesbourne ...                   | E. FITZPATRICK.     |
|                        |     | Wootton Waven ...                  | R. V. FARR.         |
| Sutton Coldfield       | ... | Sutton Coldfield ...               | T. BETTERIDGE.      |
| Tamworth               | ... | Austrey ...                        | J. R. SALMOND.      |
|                        |     | Wilnecote ...                      | W. C. WHITESIDE.    |
|                        |     | Kingsbury ...                      | W. F. MOORE.        |
|                        |     | Bolehall, Glascote, Amington, etc. | W. LOWSON.          |
| Warwick and Leamington |     | Burton Dassett ...                 | E. P. HASLUCK.      |
|                        |     | Cropredy ...                       | L. J. BARTLETT.     |
|                        |     | Harbury ...                        | J. PIRIE.           |
|                        |     | Radway and Ratley ...              | J. ALEXANDER.       |
|                        |     | Kenilworth ...                     | J. A. D. THOMPSON.  |
|                        |     | Leamington Spa ...                 | W. E. FOGARTY.      |
|                        |     | Priors Marston ...                 | J. PIRIE.           |
|                        |     | Southam ...                        | F. A. SMORFITT.     |
|                        |     | Warwick ...                        | H. TIBBITS.         |

## PUBLIC VACCINATORS.

|        | <i>District.</i>             | <i>Name.</i>       |
|--------|------------------------------|--------------------|
| No. 1. | Polesworth ...               | Dr. W. ANDERSON.   |
| „ 2.   | Atherstone ...               | Dr. H. R. FISHER.  |
| „ 3.   | Coleshill ...                | Dr. A. CANT.       |
| „ 4.   | Meriden ...                  | Dr. A. O. ENGLISH. |
| „ 5.   | Meriden P.A. Institution ... | Dr. A. O. ENGLISH. |
| „ 6.   | Castle Bromwich ...          | Dr. W. SUMMERS.    |



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| <i>District.</i> |  |     |     |     | <i>Name.</i>            |
|------------------|--|-----|-----|-----|-------------------------|
| No. 7.           | Corley and Fillongley ...              | ... | ... | ... | Dr. H. P. THOMASON.     |
| „ 8.             | Bulkington and Wolvey ...              | ... | ... | ... | Dr. A. A. CARRUTHERS.   |
| „ 9.             | Shilton ...                            | ... | ... | ... | „ „                     |
| „ 10.            | Burton Hastings ...                    | ... | ... | ... | Dr. C. O'DONOVAN.       |
| „ 11.            | Bedworth ...                           | ... | ... | ... | Dr. L. E. ORTON.        |
| „ 12.            | Chilvers Coton ...                     | ... | ... | ... | Dr. L. E. PRICE.        |
| „ 13.            | Exhall and Keresley ...                | ... | ... | ... | Dr. H. P. THOMASON.     |
| „ 14.            | Arley and Astley ...                   | ... | ... | ... | „ „                     |
| „ 15.            | Foleshill ...                          | ... | ... | ... | Dr. H. G. WEBSTER.      |
| „ 16.            | Nuneaton ...                           | ... | ... | ... | Dr. A. A. WOOD.         |
| „ 17.            | Wolston ...                            | ... | ... | ... | Dr. G. CAMPBELL.        |
| „ 18.            | Rugby, Churchover, etc. ...            | ... | ... | ... | Dr. C. H. GREGORY.      |
| „ 19.            | Dunchurch ...                          | ... | ... | ... | Dr. R. A. EDMONDSON.    |
| „ 20.            | Bourton and Frankton ...               | ... | ... | ... | Dr. A. N. TODD.         |
| „ 21.            | Copston Magna ...                      | ... | ... | ... | Dr. C. K. TOLAND.       |
| „ 22.            | Rugby and Bilton ...                   | ... | ... | ... | Dr. D. WARDROP.         |
| „ 23.            | Monks Kirby ...                        | ... | ... | ... | Dr. M. H. WATTHEWS.     |
| „ 24.            | Brinklow ...                           | ... | ... | ... | „ „                     |
| „ 25.            | Knowle ...                             | ... | ... | ... | Dr. J. O. HOLLICK.      |
| „ 26.            | Solihull ...                           | ... | ... | ... | Dr. E. F. PAGE.         |
| „ 27.            | Solihull P.A. Institution ...          | ... | ... | ... | „ „                     |
| „ 28.            | Solihull and Lapworth ...              | ... | ... | ... | Dr. F. SANGER.          |
| „ 29.            | Wootton Wawen ...                      | ... | ... | ... | Dr. W. AGAR.            |
| „ 30.            | Studley ...                            | ... | ... | ... | Dr. S. BODGER.          |
| „ 31.            | Alcester P.A. Institution ...          | ... | ... | ... | Dr. W. F. BUCKLE.       |
| „ 32.            | Alcester ...                           | ... | ... | ... | „ „                     |
| „ 33.            | Bidford-on-Avon ...                    | ... | ... | ... | Dr. H. M. L. CRAWFORD.  |
| „ 34.            | Great Wolford ...                      | ... | ... | ... | Dr. W. C. C. EASTON.    |
| „ 35.            | Brailes and Cherington ...             | ... | ... | ... | „ „                     |
| „ 36.            | Shipston-on-Stour ...                  | ... | ... | ... | „ „                     |
| „ 37.            | Wellesbourne ...                       | ... | ... | ... | Dr. E. T. FITZPATRICK.  |
| „ 38.            | Alveston ...                           | ... | ... | ... | Dr. R. LATIMER GREENE.  |
| „ 39.            | Stratford-on-Avon ...                  | ... | ... | ... | „ „                     |
| „ 40.            | Alderminster ...                       | ... | ... | ... | „ „                     |
| „ 41.            | Clifford Chambers ...                  | ... | ... | ... | „ „                     |
| „ 42.            | Billesley and Binton ...               | ... | ... | ... | Dr. D. S. MURRAY.       |
| „ 43.            | Stratford-on-Avon P.A. Institution ... | ... | ... | ... | „ „                     |
| „ 44.            | Marston Sicca ...                      | ... | ... | ... | „ „                     |
| „ 45.            | Long Compton ...                       | ... | ... | ... | Dr. W. C. C. EASTON.    |
| „ 46.            | Kineton ...                            | ... | ... | ... | Dr. L. J. H. OLDMEADOW. |
| „ 47.            | Shipston-on-Stour P.A. Institution ... | ... | ... | ... | Dr. C. STEIN.           |
| „ 48.            | Snitterfield ...                       | ... | ... | ... | Dr. P. T. SUTCLIFFE.    |
| „ 49.            | Butlers Marston ...                    | ... | ... | ... | Dr. P. K. WALKER.       |
| „ 50.            | Newbold-on-Stour ...                   | ... | ... | ... | „ „                     |
| „ 51.            | Sutton Coldfield ...                   | ... | ... | ... | Dr. T. BETTERIDGE.      |
| „ 52.            | Amington and Glascote ...              | ... | ... | ... | Dr. W. LOWSON.          |
| „ 53.            | Kingsbury ...                          | ... | ... | ... | Dr. W. F. MOORE.        |
| „ 54.            | Newton Regis ...                       | ... | ... | ... | Dr. J. R. SALMOND.      |
| „ 55.            | Wilnecote ...                          | ... | ... | ... | Dr. W. C. WHITESIDE.    |
| „ 56.            | Avon Dassett ...                       | ... | ... | ... | Dr. L. J. BARTLETT.     |
| „ 57.            | Leamington Spa ...                     | ... | ... | ... | Dr. R. F. BURY.         |
| „ 58.            | Fenny Compton ...                      | ... | ... | ... | Dr. E. P. HASLUCK.      |
| „ 59.            | Radway and Ratley ...                  | ... | ... | ... | Dr. J. ALEXANDER.       |
| „ 60.            | Warwick P.A. Institution ...           | ... | ... | ... | Dr. H. MALINS.          |
| „ 61.            | Southam ...                            | ... | ... | ... | Dr. F. A. SMORFITT.     |



| <i>District.</i>                      | <i>Name.</i>             |
|---------------------------------------|--------------------------|
| No. 62. Harbury and Lighthorne ... .. | Dr. J. PIRIE.            |
| „ 63. Priors Hardwick ... ..          | „ „                      |
| „ 64. Kenilworth ... ..               | Dr. J. DOUGLAS THOMPSON. |
| „ 65. Warwick ... ..                  | Dr. H. TIBBITS.          |

## COUNTY ANALYST.

W. T. RIGBY, F.I.C.

INSPECTORS OF WEIGHTS AND MEASURES, AND UNDER FOOD AND DRUGS  
AND FERTILISERS AND FEEDING STUFFS ACTS.

J. E. PRESTON, Chief Inspector.

T. DOLAN, Assistant Inspector.

H. F. SPOONER, Assistant Inspector.

J. S. PRESTON, Assistant Inspector.

## VACCINATION OFFICERS.

| <i>District.</i>             | <i>Name.</i>          |
|------------------------------|-----------------------|
| 1.—Atherstone ... ..         | Mr. A. E. SHRIMPTON.  |
| 2.—Meriden ... ..            | Mr. H. BROWN.         |
| 3.—Sutton Coldfield ... ..   | Mr. J. C. KEEN.       |
| 4.—Tamworth ... ..           | Mr. R. R. WIMPERIS.   |
| 5.—Nuneaton ... ..           | Mr. T. G. MORETON.    |
| 6.—Bedworth ... ..           | Mr. H. E. GUTTERIDGE. |
| 7.—Solihull ... ..           | Mr. F. PEACH.         |
| 8.—Rugby ... ..              | Mr. W. J. JACOB.      |
| 9.—Dunchurch ... ..          | Mr. B. J. HARRISON.   |
| 10.—Leamington Spa ... ..    | Mr. E. M. COY.        |
| 11.—Warwick ... ..           | Mr. P. COY.           |
| 12.—Kenilworth ... ..        | Mr. E. H. THORNETT.   |
| 13.—Southam ... ..           | Mr. P. W. P. HALL.    |
| 14.—Stratford-on-Avon ... .. | Mr. A. E. AMOS.       |
| 15.—Alcester ... ..          | Mr. F. SPOONER.       |
| 16.—Wellesbourne ... ..      | Mr. W. ELLIS.         |
| 17.—Shipston-on-Stour ... .. | Mr. C. REASON.        |

## HEALTH VISITORS.

| <i>Name.</i>  | <i>Qualification</i> | <i>Reference Number.</i> |
|---|----------------------|--------------------------|
| Miss M. S. LOWE, M.B.E., Fellow of Royal Sanitary<br>Institute (Superintendent)—(retired Mar. 31, 1933) |                      | 1, 2, 4.                 |
| BAKER, A. W. ... ..   |                      | 1, 2, 9.                 |
| BUTLER, C. A. ... ..  |                      | 1, 2, 4, 5.              |
| DENT, M. A. ... ..  |                      | 1, 8.                    |
| DILCOCK, M. G. O. ... ..  |                      | 1, 3, 6.                 |
| FLETCHER, A. ... ..   |                      | 1, 2, 5, 10.             |
| GOLBY, E. ... ..  |                      | 1, 3.                    |
| HALFORD, E. M. ... ..   |                      | 1, 2, 3, 6.              |
| HODGES, D. M. ... ..  |                      | 1, 2.                    |
| HUGHES, A. C. ... ..  |                      | 1, 2, 3.                 |
| HUNTER, S. ... ..   |                      | 1, 2, 7.                 |
| PERREN, L. ... ..   |                      | 1, 2, 10.                |
| PHIPPS, M. A. ... ..  |                      | 1, 2, 3.                 |
| SHAKSPEARE, M. ... ..   |                      | 1, 3.                    |
| SHAW, E. H. ... ..  |                      | 1, 2, 3, 6.              |
| TUSTIN, K. ... ..   |                      | 1, 2, 4.                 |
| WATTERSON, M. ... ..  |                      | 1, 2, 8, 10.             |
| WHARTON, M. ... ..  |                      | 1, 2, 3, 6.              |
| WHEATLEY, A. ... ..   |                      | 1, 2, 7.                 |





All these Health Visitors act jointly as Health Visitors and School Nurses, they visit Tuberculosis cases, have been appointed Infant Protection Visitors and are Inspectors of Midwives in their own districts. Each has an allotted district with the exception of one who acts as Relief Health Visitor. They attend the Voluntary Infant Welfare Centres in the capacity of Superintendent of the Centre and assist at Tuberculosis Dispensaries and all School Clinics.

- 1.—C.M.B. Certificate.
- 2.—R.S.I. Certificate.
- 3.—State Registered Nurse.
- 4.—General Training.
- 5.—Inspector of Nuisances Certificate.
- 6.—Fever Nursing or Sick Children's Training.
- 7.—Maternity Hospital Certificate.
- 8.—Board of Education Health Visitors' Certificate.
- 9.—Maternity and Child Welfare Certificate.
- 10.—School of Hygiene Certificate or other Sanitary Certificate.

#### MISS M. S. LOWE, M.B.E., SUPERINTENDENT.

I have to record the retirement on superannuation of Miss M. S. LOWE, M.B.E., Superintendent of Health Visitors, which took effect on March 31st, 1933.

Miss LOWE's association with the County Council has covered a period of 30 years, during which the County Health Visiting Service has been built up under her supervision and guidance, and there is little doubt that her influence is reflected in that healthier and happier life among mothers and children that obtains to-day as compared with thirty years ago.

Miss LOWE was also an enthusiast in providing Maternity Home accommodation for mothers whose homes were unsuitable for confinement, or who preferred to be confined outside their own homes. Much of her time was accordingly spent in connection with the two County Maternity Homes at Warwick and Rugby, and great credit is due to her for their careful management during her period of supervisory control.

Deep interest was also shewn by her in the training of Pupil Midwives, which service she initiated at Warwick and Rugby, and actively maintained up to the time of her retirement.

I should like to record my personal appreciation of the excellent work she accomplished in the sphere of Maternal and Child Welfare in Warwickshire, and trust that in her absence it may be continued in future without retraction or relaxation.

#### COUNTY MIDWIVES.

- SMITH, I., C.M.B., S.R.N. (Sister, County Maternity Home, Rugby).  
 KETTLE, D., C.M.B., S.R.N. (Sister, County Maternity Home, Warwick).  
 BROWN, A., C.M.B.  
 HAGUE, M., C.M.B.

#### DENTAL NURSES.

- DINGLEY, P.  
 EVANS, D. G.  
 ELSON, D. M., S.R.N.

#### 17. LOCAL GOVERNMENT ACT, 1929.

##### (a) *Medical Services of Public Assistance Committee.*

There has been no material development in the medical services of the Public Assistance Committee since my last Report, when the revision of Medical Officers' contracts was referred to and the appointment of a visiting surgeon to the Warwick Infirmary was recorded. The latter scheme, I understand, is working satisfactorily. Considerable improvement has, however, been effected in the nursing service of one of the principal Infirmaries in the County, which in the past has been understaffed in respect of trained nurses.

##### (b) *Scheme under Section 58.*

The Council have formulated a scheme under section 58 of the Act whereby the County would be divided into three combined districts for the purpose of the appointment of whole-time District Medical Officers restricted from engaging in private practice.

The Scheme—which has reached the stage of being submitted to the Minister of Health for approval—does not make any provision with regard to salaries, their apportionment or other similar details, but merely defines the principle to be adopted in the future, briefly that the County shall be divided into three combined districts for "sanitary" purposes, while the "preventive" work—School Medical Inspection and Maternity and Child Welfare—will continue to be undertaken by the Assistant County Medical Officers of Health.

#### 18. POOR LAW MEDICAL OUT RELIEF.—Apart from some small changes consequent upon the extension of boundary of the City of Coventry, there has been no revision of Medical Officers' districts, the areas served remaining the same as shown in para. 16 above.



Revision is, however, under consideration by the Public Assistance Officer, and will be effected in due course in conjunction with the Public Vaccinators' districts.

19. INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.—There is little to add to my Report of last year on the Institutional provision at Weston Colony, except that a good deal of progress has been made in the development scheme, the new villa now nearing completion so far as building work is concerned.

20. NURSING IN THE HOME.—This work is well provided for in the County by the various District Nursing Associations affiliated to the County Nursing Association, and by those attached to the Newnham Benefit Nursing Association.

21. COUNTY NURSING ASSOCIATION.—During the year 1932-33, there were 51 affiliated Associations under the Superintendentship of Miss G. EMLY, S.R.N., C.M.B., R.San.I., and the following staff is employed :—

|  |     |     |     |     |      |
|--|-----|-----|-----|-----|------|
| Queen's Nurses                                     | ... | ... | ... | ... | 17   |
| Fully trained Nurses with C.M.B.                   | ... | ... | ... | ... | 10   |
| Village Nurse Midwives with C.M.B.                 | ... | ... | ... | ... | 34   |
| Emergency Nurses in the County Nursing Association | ... | ... | ... | ... | 2    |
|  |     |     |     |     | —    |
|  |     |     |     |     | • 63 |
|  |     |     |     |     | —    |

22. *Summary of Nurses' work during the year :—*

|                                     |     |     |     |     |         |
|-------------------------------------|-----|-----|-----|-----|---------|
| No. of Midwifery Cases              | ... | ... | ... | ... | 669     |
| No. of Maternity Cases              | ... | ... | ... | ... | 227     |
| No. of General Cases                | ... | ... | ... | ... | 6,437   |
| No. of Nursing Visits               | ... | ... | ... | ... | 111,492 |
| No. of Ante-natal Visits            | ... | ... | ... | ... | 4,470   |
| No. of Ante-natal Clinic Visits     | ... | ... | ... | ... | 145     |
| No. of Infant Welfare Centre Visits | ... | ... | ... | ... | 424     |
| No. of Dental Clinic Visits         | ... | ... | ... | ... | 155     |

23. NEWNHAM BENEFIT NURSING ASSOCIATION.—There are 5 districts served by this Association, employing 7 Nurse-Midwives, all holding the C.M.B. Certificate, together with some general nursing training.

*Summary of Nurses' work during the year :—*

|                                       |     |     |     |     |       |
|---------------------------------------|-----|-----|-----|-----|-------|
| No. of Midwifery Cases                | ... | ... | ... | ... | 115   |
| No. of Maternity cases                | ... | ... | ... | ... | 26    |
| No. of General Nursing visits         | ... | ... | ... | ... | 3,796 |
| No. of Midwifery and Maternity Visits | ... | ... | ... | ... | 2,051 |

24. LABORATORY FACILITIES.—Bacteriological Examinations carried out by the Birmingham University during the last three years are as follows :—

*Examinations at University of Birmingham.*

|  | 1930. | 1931. | 1932. |
|--|-------|-------|-------|
| Swabs from Suspected Diphtheria Cases          | 3,435 | 2,613 | 1,340 |
| Swabs from Diphtheria Contacts                 | 827   | 370   | 99    |
| Blood Examination for Typhoid and Para-Typhoid | 226   | 152   | 182   |
| Blood Films for Malaria                        | —     | —     | —     |
| Faeces for Typhoid                             | 26    | 28    | 20    |
| Faeces for Dysentery                           | 5     | 3     | 7     |
| Sputa for Tubercle                             | 525   | 489   | 459   |
| Cerebro-Spinal Fluid                           | 1     | 1     | 56    |
| Special Examinations                           | 30    | 13    | 17    |
|  | —     | —     | —     |
|  | 5,075 | 3,669 | 2,180 |
|  | —     | —     | —     |





The only notable increase as compared with the previous three years is in respect of Cerebro-Spinal Fluid examinations. This increase was associated with an outbreak of Cerebro-Spinal Fever in the Nuneaton District which occurred in the early part of 1932.

In addition to the above, Dr. L. L. FYFE, Medical Officer of Health for the Stratford-on-Avon District, carried out 106 examinations :—Diphtheria 70, Sputa for Tubercle 32, Swabs for Gonorrhoea, 4. He terminated his arrangement with the County Council for this purpose on May 31st, 1932.

25. **LEGISLATION IN FORCE.**—As referred to in my last Annual Report, the Warwickshire Review Order, 1932, came into operation on April 1st, 1932.

26. **HOSPITALS.**—There has been no further change in Hospital administration as affecting the County Council since last year, advantage being taken of the principal Voluntary Hospitals for the admission under the County scheme of Complicated Maternity Cases, Puerperal cases under the Puerperal Fever and Puerperal Pyrexia Regulations, Ophthalmia cases at the Birmingham and Midland Eye Hospital, Birmingham, Tonsil and Adenoid operations under the Education Committee's scheme, and Orthopaedic cases at the approved Orthopaedic Hospitals under the Orthopaedic Scheme.

27. No occasion has yet arisen for consultation with representatives of voluntary hospitals under Section 13 of the Local Government Act, 1929.

28. All the above arrangements with Voluntary Hospitals have been carried out during the year under review smoothly and efficiently, and there would appear to be no need for further extension of these facilities for the time being.

29. **AMBULANCE FACILITIES.**—Adequate Ambulance facilities are provided at the various Infectious Diseases Hospitals throughout the County. For Maternity and Puerperal Septicaemia cases suitable arrangements have been made for the use of the following ambulances :—

- (1) *Warwick Corporation Ambulance.*—This serves the Borough of Warwick and the Warwick Rural District, but is available for any other village outside those districts as circumstances permit.
- (2) *Worcestershire and Joint Committee of the British Red Cross Society, Redditch.*—This serves the Alcester Rural District and the Southern portion of the Stratford Rural District.
- (3) *Solihull Urban District Council Ambulance.*—For admission of cases from Solihull and District to the various Hospitals in Birmingham.
- (4) *The City Ambulance, Fire Station, Coventry.*—This ambulance serves towns and villages bordering on the City of Coventry.
- (5) *Atherstone Rural District Council Ambulance* serves the Northern part of the County for admission of cases to Nuneaton General Hospital.

30. **CLINICS AND TREATMENT CENTRES.**—

*Infant Welfare Centres.*—There are 36 Voluntary Infant Welfare Centres in the County, each staffed by a County Health Visitor who acts as Superintendent of the Centre. During the year under review new Centres were opened at Berkswell on February 2nd, and at Polesworth on April 12th, 1932.

31. At the 36 Infant Welfare Centres, 1,117 infants on the registers made 16,201 attendances, and the mothers, who numbered 2,819, made 33,446 attendances. In addition to children under 12 months there were on the registers of the Centres 1,827 children between 12 months and five years, and these made 21,177 attendances, a total of 37,378 attendances of infants and children during the year.

32. 14 of the Infant Welfare Centres are staffed by Assistant County Medical Officers, and the remainder by General Practitioners.



33. Grants to Infant Welfare Centres under Sec. 101 of the Local Government Act for the fixed grant period, 1933-37 have been promised, amounting to £510 per annum. Applications from new Centres provided during that fixed grant period are considered by the Council after they have been in operation for a period of one year. The new Centres to be considered for grant this year are Long Lawford, Dunchurch, Berkswell and Polesworth, details of which Centres in respect of premises were given in last year's Report.

34. WARWICKSHIRE FEDERATION OF VOLUNTARY INFANT WELFARE CENTRES.—The Annual Meeting and Conference of this Federation was held at the Shire Hall, Warwick, on May 15th, 1933, when Mrs. HEBER PERCY, Guy's Cliffe, was elected President in place of the late Professor BOSTOCK HILL.

35. The Conference this year was of exceptional interest, firstly through the presence of DAME JANET CAMPBELL, who very kindly addressed the meeting and spoke in appreciative terms of the work done in Warwickshire by the Voluntary Infant Welfare Centres, and secondly through the recognition by the Federation of the valuable services rendered by Miss M. S. LOWE, M.B.E., in the field of Infant Welfare, this taking the tangible form of a presentation from all the affiliated Centres on the occasion of her retirement. The Conference concluded with an interesting demonstration of the MARGARET MORRIS Movement, described as a method of physical exercise and mental training that combines the medical and aesthetic values of movement. An address was also given on the correction of faults of posture, the type of exercise recommended being referred to as compositions in movement for the purpose of developing a natural grace through balance and muscular control. The MARGARET MORRIS movement includes in its teaching remedial exercises for Orthopaedic cases and special exercises for expectant and nursing mothers.

|   |        |                         |     | <i>Patients on</i> |                     |
|---|--------|-------------------------|-----|--------------------|---------------------|
|   |        |                         |     | <i>Register.</i>   | <i>Attendances.</i> |
| 36. ANTE-NATAL CLINICS :—                           |        | <i>Medical Officer.</i> |     |                    |                     |
| Arley Miners' Welfare, Gun Hill                     | ...    | DR. AGNES YOUNG         | ... | 57                 | 163                 |
| Warwick County Maternity Home, 3,<br>The Butts      | ... .. | DR. KATHERINE SCOTT     |     | 101                | 423                 |
| Rugby County Maternity Home, 16,<br>Hillmorton Road | ... .. | DR. KATHERINE SCOTT     |     | 74                 | 334                 |
| Stratford-on-Avon, The Bungalow,<br>Tyler Street    | ... .. | DR. L. L. FYFE          | ... | 14                 | 27                  |
| Bedworth, Saunders Avenue                           | ... .. | DR. AGNES YOUNG         | ... | 75                 | 232                 |
| Earlswood, Village Hall                             | ... .. | DR. KATHERINE SCOTT     |     | 25                 | 51                  |
| Keresley, Church Hut                                | ... .. | DR. MARY LITTLEJOHN     |     | 26                 | 100                 |
| Coleshill Town Hall                                 | ... .. | DR. KATHERINE SCOTT     |     | 17                 | 43                  |
| Total   |        |                         |     | 389                | 1,373               |

37. The above attendances at the eight County Ante-natal Clinics, although gratifying in the main, merely touch the fringe of this important service. The Clinics are staffed entirely by Assistant County Medical Officers, the cases attending being largely those in the practice of Midwives. Any abnormalities discovered are dealt with by advice or by reference to the patient's own doctor. If hospital treatment is called for the midwife concerned is compensated for the loss of the case in her practice. There is little doubt that in course of time the ideal ante-natal service will be effected through the general practitioner, who will himself conduct the confinement should the case eventually require medical attention. But until such a service is possible Midwives must be encouraged to send their patients to ante-natal Clinics, where expert medical supervision can be given at no cost to the patient. Such Clinics must, however, be limited in accordance with the staff available, consequently development in this direction must be slow and restricted.

38. MIDWIVES.—There were 237 Midwives practising in the County during the year under review, and of these 57 were inspected by neighbouring Local Supervising Authorities, the remainder—180—being entirely supervised by the Warwickshire County Council. Of







these, 161 were inspected by the County Health Visitors acting as Inspectors of Midwives, and 59 by the Superintendent of the County Nursing Association, who is responsible to the County Council for the Midwives of the Affiliated Associations.

39. 417 visits of inspection were paid to Midwives during the year, and in addition 586 visits in connection with matters arising in their practice.

40. Of the 237 practising Midwives, 225 were trained and 12 were bona-fide Midwives. One Midwife ceased to practise as an independent Midwife, but continued to serve as a Maternity Nurse only, two Midwives retired during the year and one died.

41. 2,593 births in the area of the Local Supervising Authority, or 55 per cent., were attended by Midwives alone, and 958 by Midwives acting as Maternity Nurses. Thus 3,551 women or 75 per cent. have had the service of a registered Midwife either with or without a doctor, and 1,163 have been attended by Doctors but without the help of a registered Midwife. Of this latter number there are recorded 97 cases in which a Doctor attended with the help of a handy-woman only.

42. Only one Midwife is subsidized by the County Council, £30 per annum being contributed to help in an area in the Tamworth Rural District where no Nursing Association has been provided. This subsidy has been provided in view of the urgent need for a suitably trained Midwife in the district, also because of the comparatively small number of cases to be attended, and the wide rural district to be covered, necessitating the use of a small car.

43. MEDICAL HELP FOR MIDWIVES.—840 notices of Medical Help were sent by Midwives during the year as against 944 in the previous year, and of these 596 were submitted as claims by Doctors, amounting to £896 9s. 6d. Contributions from patients have been collected during the year amounting to £250 8s. 6d., as against £201 11s. 4d. during 1931.

44. The following are the reasons for sending for Medical Help in respect of the 840 notices issued :—

|   |  |
|---|--|
| 1.—Prolonged Labour ... .. 151                              | 14.—Feebleness of Infant ... .. 17     |
| 2.—Ruptured Perineum ... .. 145                             | 15.—Stillbirths ... .. 15              |
| 3.—Inflammation of Infants' Eyes ... .. 62                  | 16.—Post-partum Haemorrhage ... 14     |
| 4.—Malpresentation and Difficult Breech Presentation ... 59 | 17.—Cardiac Weakness ... .. 13         |
| 5.—Condition of mother ill-defined 51                       | 18.—Condition of Infant ill-defined 11 |
| 6.—Other Abnormal Conditions ... 50                         | 19.—Suspicious Skin Eruptions ... 8    |
| 7.—Abortions ... .. 45                                      | 20.—Varicose Veins ... .. 7            |
| 8.—Ante-partum Haemorrhage ... 36                           | 21.—Contracted Pelvis ... .. 5         |
| 9.—Albuminuria ... .. 32                                    | 22.—Placenta Praevia ... .. 5          |
| 10.—Premature Births ... .. 32                              | 23.—Inflammation of Breasts ... 4      |
| 11.—Rise of Temperature ... .. 30                           | 24.—Eclampsia ... .. 3                 |
| 12.—Retained Placenta or Membranes ... .. 26                | 25.—Phimosis ... .. 1                  |
| 13.—Congenital Deformities ... 17                           | 26.—Detained at another case ... 1     |
|   | Total ... 840                          |

45. MATERNAL MORTALITY.—There were 21 deaths from childbirth—7 from Puerperal Sepsis and 14 from other causes—giving a Maternal Mortality of 3.7 per 1,000 births, as against 4.3 in the previous year. Of the 7 Puerperal deaths, 1 occurred in the Urban Districts and 6 in the Rural Districts, and of the 14 deaths from other causes, only 6 occurred in the Maternity and Child Welfare County, the remaining 8 being distributed as follows :—Nuneaton 4, Leamington Spa 1, and Sutton Coldfield 3.

46. All maternal deaths occurring in the Maternity and Child Welfare County have been investigated and completed reports have been forwarded to the Ministry of Health as directed. Investigation has also been made into all cases of Puerperal Fever occurring in the same area.



47. Complicated maternity cases are admitted under the County Scheme to the Coventry and Warwickshire Hospital, Coventry ; the Warneford General Hospital, Leamington ; the Hospital of St. Cross, Rugby ; and to the General Hospital, Nuneaton ; and to these Hospitals 57 complicated cases were admitted during the year. Arrangements have also been entered into with the Maternity Hospital, Birmingham, but advantage was not taken of these facilities during the year under review.
48. Consultative help was sought only in two cases of complicated midwifery.
49. In addition to the above complicated cases, 58 maternity cases were admitted under the County Scheme to the Maternity Wards of the Coventry and Warwickshire Hospital.
50. **PUERPERAL FEVER AND PUERPERAL PYREXIA REGULATIONS.**—23 cases as against 22 in the previous year were admitted to Hospital under the County Scheme and a second opinion was sought in 7 instances.
51. **HEALTH VISITING.**—With the Health Visiting personnel remaining the same as in the previous year, 18 Health Visitors with a Superintendent, it is gratifying to record a further increase in the number of home visits to infants and to children under 5 years of age. This has undoubtedly been achieved through the improved facilities for transit now available for the majority of the staff, the motor car gradually superseding the bicycle, particularly among those whose districts are largely rural in character. Rural dwellers are accordingly in a position now to share those health visiting facilities, which in the past preponderated in the Urban areas. The increase in Home Visiting is also gratifying in view of the continued growth of the Infant Welfare Centre movement, an activity that might be apt to reduce visits paid to the home through children attending the centres and being seen there by the Health Visitors each week or as often as the Centres are held. While much useful advice on child nurture and child guidance can be given at the Infant Welfare Centres, it is in the homes of the children that health lessons can best be given, and where the mother can be approached in the privacy of her family only. It is here where the tactful Health Visitor will gain the confidence of the mother and will pass on to her lessons in healthy living and mothercraft that will in due course be reflected in a healthy and happy family life. Rebuffs may be met with from time to time, but converts bring their compensation and help to lighten the task of the conscientious worker.
52. 3,372 first visits and 9,128 re-visits were paid to children under 12 months in respect of 3,989 births registered in the Maternity and Child Welfare County, a total of 12,500 home visits to infants under 12 months. This alone is an increase of 1,529 on the previous year. To children between 12 months and 5 years there were paid 800 first visits and 7,428 re-visits, a total of 8,228 home visits to children of those ages. There have accordingly been paid to infants and to children up to 5 years of age 20,728 home visits as compared with 17,926 in the previous year. This is a good record when it is remembered that only one half the time of the County Health Visiting Staff is allotted to Child Welfare Work, including home visiting of infants, a considerable proportion of that time being assigned to fixed appointments such as Infant Welfare Centres, Ante-Natal Clinics, etc. In this latter connection the Health Visitors made 1,106 attendances at Infant Welfare Centres and 94 attendances at Ante-Natal Clinics.
53. During the visits to the homes it was ascertained that the health of the mother after confinement was indifferent in 14 per cent., and distinctly bad in 2.8 per cent. The health of the infant was found unsatisfactory in 206 or 6 per cent., and 15 infants were found to be wasting and 6 definitely neglected. Seventeen cases were referred to the N.S.P.C.C. for investigation and appropriate action, and 107 houses were reported to the Sanitary Authorities in respect of defects discovered during home visiting.
54. **CHILDREN ACT, 1908.**—On January 1st, 1932, there were on the County Council Register 99 nursed out children, 15 of whom were associated with the National Orphanage at Sutton Coldfield. During the year under review 48 names have been removed from the







County Register—8 from the National Orphanage and 40 from among those supervised by the County Infant Protection Visitors—and 34 new cases have been added to the Register, making a total of 85 children dealt with during the year, 7 of whom were associated with the National Orphanage, Sutton Coldfield.

There were, therefore, on our Home Supervision Registers 78 nursed out children who have been visited periodically by the County Infant Protection Visitors, the cases distributed in the County Districts as follows:—

|                                    |     |     |     |     |     |       |
|------------------------------------|-----|-----|-----|-----|-----|-------|
| Alcester                           | ... | ... | ... | ... | ... | 4     |
| Bedworth                           | ... | ... | ... | ... | ... | 2     |
| Kenilworth                         | ... | ... | ... | ... | ... | 3     |
| Meriden                            | ... | ... | ... | ... | ... | 9     |
| Rugby                              | ... | ... | ... | ... | ... | 10    |
| Shipston-on-Stour                  | ... | ... | ... | ... | ... | 4     |
| Solihull                           | ... | ... | ... | ... | ... | 8     |
| Southam                            | ... | ... | ... | ... | ... | 7     |
| Stratford-on-Avon                  | ... | ... | ... | ... | ... | 11    |
| Tamworth                           | ... | ... | ... | ... | ... | 5     |
| Warwick                            | ... | ... | ... | ... | ... | 15    |
|                                    |     |     |     |     |     | <hr/> |
| Home Supervision                   | ... | ... | ... | ... | ... | 78    |
| Associated with National Orphanage | ... | ... | ... | ... | ... | 7     |
|                                    |     |     |     |     |     | <hr/> |
| Total on County Register           | ... | ... | ... | ... | ... | 85    |

During the year all the new cases have been visited and reported upon in detail, and in addition 331 re-visits have been paid, including those to children already on the register.

The supervision of children up to the age of seven years, and nursed out for reward undertaken by the County Council since April 1st, 1930, under Part I. of the Children Act, 1908, has now been extended by the Children and Young Persons' Act, 1932, which came into operation on January 1st, 1933, to include all such children under the age of nine years.

Under Section 2 of the Children Act, 1908, an agreement was made with the National Children's Home and Orphanage (Princess Alice Branch), Sutton Coldfield, for the supervision by their own officers of children placed out for reward under their care in the Maternity and Child Welfare Area of the County, and this arrangement will continue in future.

A similar agreement has now been entered into with the Managers of Dr. Barnardo's Homes, in respect of those children associated with the Homes and nursed out in the County Area.

The Authorities of these two Associations submit reports periodically in respect of children supervised by their own officers, but with these exceptions the Health Visiting Service, acting as Infant Life Protection Visitors, visit and report in detail on the health and condition of each child, and the home conditions generally.

## 55. MATERNITY AND NURSING HOMES.

### Nursing Homes Registration Act, 1927.

|  |     |     |     |     |      |
|--|-----|-----|-----|-----|------|
| 1. No. of applications for registration in 1932                    | ... | ... | ... | ... | 3    |
| 2. No. of Homes registered during 1932 (Maternity and Nursing)     | ... | ... | ... | ... | 2    |
| 3. Total number registered in the County (Maternity 12, Nursing 2) | ... | ... | ... | ... | 14   |
| 4. No. of Orders made refusing or cancelling registration          | ... | ... | ... | ... | Nil. |
| Previous registration cancelled on re-registration                 | ... | ... | ... | ... | 1    |
| 5. No. of appeals against such Orders                              | ... | ... | ... | ... | Nil. |
| 6. No. of cases in which such Orders have been—                    | ... | ... | ... | ... |      |



The exemptions from registration previously granted in respect of the Hospital of St. Cross, Rugby, and the General Hospital, Stratford-on-Avon, have been renewed.

A Certificate of exemption from registration has also been granted for 1933 to the Ellen Badger Hospital, Shipston-on-Stour (No. 8 above).

56. COUNTY MATERNITY HOMES.—171 Maternity cases have been admitted to the two County Maternity Homes, as against 138 in the previous year. Of these 91 were admitted to the Rugby Home, at 16, Hillmorton Road, and 80 to the Warwick Home, at 3, The Butts. In addition to these cases treated in the Maternity Homes, 38 cases were attended by the County Midwives on the district in and around the Borough of Warwick. Such district cases are required for the training of Pupil Midwives, the number proving sufficient for this purpose. Both Homes are utilized for the intern training of Pupils, but only at Warwick are District cases undertaken.

57. Four Pupils were trained during the year, all being successful in obtaining the Certificate of the Central Midwives Board. This is referred to at greater length by Miss M. S. LOWE, M.B.E., in the following Reports on the two Homes submitted by her, these being Miss LOWE's last reports prior to her retirement on March 31st of this year. It can truly be said that the success of both Homes has in a large measure been due to her personal interest and attention, particularly from the point of view of staff administration, which is not an easy matter with the two Homes so far apart.

58. *County Health Centre and Maternity Home, 16, Hillmorton Road, Rugby.*

"During the year ending 31st December, 1932, ninety-one patients were admitted to the Home.

"The average duration of stay for confinement was fifteen days.

"In addition, thirty-eight patients had treatment for Ante or Post-natal conditions, making a total stay of one hundred and thirteen days, an average stay of nearly three days per patient.

"*Ante-Natal Clinic.*—Seventy-four patients attended the Ante-Natal Clinic, and two hundred and sixty attendances were made by old patients, making a total attendance of three hundred and thirty-four.

"The number of patients admitted at reduced fees was nine.

"One case of Puerperal Pyrexia occurred. This was of a very mild type, and the patient was isolated the whole of the period she was in the Home. She made a complete and very satisfactory recovery.

"*Pupil Midwives.*—Three Pupil Midwives took part of their training at Rugby Centre, and passed their Central Midwives Board Examination.

"As this will be the last time I shall report on the work done at the County Maternity Home, Rugby, I should like to draw the attention of the Committee to a few facts, which may be of interest to them.

"During the time that the training of Pupil Midwives has been undertaken, thirty-three Midwives have been trained and have received the Certificate from the Central Midwives' Board. Of these Midwives, eleven are working in the County, and the remainder, with the exception of two, have been kept in touch with. I hear that the majority of them are doing excellent work.

"One thousand, one hundred and ten cases have been admitted since the Home was opened in 1920. Eight hundred and twenty-four new cases attended the Ante-natal Clinic, and one thousand, nine hundred and eighty-five old cases attended, making a total of two thousand, eight hundred and nine.





"One death occurred in the Home from Acute Yellow Atrophy, a somewhat rare disease. The Post mortem revealed that the confinement itself had been a normal one.

"During the acute epidemic of Influenza three years ago, the Home was closed for three days.

"I am told that the Home has been considered very beneficial in the District, and the good work done there much appreciated.

"Before leaving the County, I should like to express my very warmest appreciation of the able assistance of the Chairman and Committee, for which I am deeply grateful."

59. *"County Health Centre and Maternity Home, 3, The Butts, Warwick."*

"During the year ending 31st December, 1932, one hundred and eighteen cases were attended by the County Midwives. Of these, eighty were admitted to the County Maternity Home, the remainder, 38, being attended on the district.

"The average duration of stay in the Wards for the purpose of confinement was fourteen days, but including Ante and Post-natal days, the average was 17.33.

"No case of Pyrexia or Puerperal Fever occurred during the year.

"Forty-six patients were admitted to the Home at reduced fees, in comparison with twenty-one in the previous year.

"*Ante-natal Clinic.*—There has been a further increase in the attendances of new patients from seventy-six to one hundred and one, with an attendance of old patients of three hundred and twenty-two, as compared with one hundred and fifty-eight in the previous year. This brings the total attendances to four hundred and twenty-three, as against two hundred and thirty-four.

"*Pupil Midwives.*—Four Pupil Midwives sat for the Central Midwives' Board Examination during the year, and were successful in passing the Examination. Three of them took part of their training at Rugby Maternity Home, but the fourth was trained entirely at Warwick.

"*Infant Welfare Centres.*—During the year at the two Infant Welfare Centres at which the County Midwives and Pupils attend, two thousand seven hundred and thirty-five attendances were made by infants.

"During the past year the number of cases admitted to the Home has been nearly double that of the previous year.

"As this will be the last time I shall report on the work done at the County Maternity Home, Warwick, I should like to draw the attention of the Committee to a few facts which may be of interest to them.

"During the time that the training of Pupil Midwives has been undertaken, thirty-three Midwives have been trained and have received the Certificate of the Central Midwives' Board. Of these Midwives, eleven are working in the County, and the remainder with the exception of two, have been kept in touch with. I hear that the majority of them are doing excellent work.

"Four hundred and eighty-two cases have been admitted since the Home was opened in September, 1919. One thousand, one hundred and nineteen cases have been attended on the district. One thousand and seventy-six new patients have attended the Ante-natal Clinic, with a total attendance of three thousand, one hundred and fifty-eight.

"One death occurred in the Home shortly after it was opened. This was a case of Eclampsia sent in by a Doctor. She was only in the Home a few hours before the death occurred. The Home has never been closed on account of any infectious disease.

"Although the accommodation at the Home is not strictly modern, the results of the work done there have I believed, satisfied the Committee and the patients. I think this proves that if the right technique is adopted, good results can be obtained even in small adapted Maternity Homes.



" In conclusion I should like to offer my warmest thanks to the Chairman and members of the House Committee for the support and kindness which I have always received. There have been difficult times, but with their invaluable help and encouragement, these difficulties were overcome and good results obtained. I shall always look back on the years I have spent at The Butts as the most useful and satisfying ones of my Public Health career."

#### CRIPPLING DEFECTS AND ORTHOPAEDICS.

60. The work connected with the Orthopaedic Service has continued, without any material alteration, on the lines contained in my Report for 1931. During the year under review the Clinic which has been held at 3, The Butts, Warwick, since October, 1927, was transferred to the Warneford Hospital, Leamington, where more suitable accommodation is available, and is being run at that Hospital as a Branch Clinic of the Coventry and District Crippled Children's Guild.

61. The following table gives the number of attendances at the various Clinics since the inception of the scheme :—

| <i>Year.</i> | <i>Number of Cases on<br/>Register of Clinics.</i> |       | <i>No. of attendances<br/>at Clinics.</i> |
|--------------|--|-------|---|
| 1926         | ...  | 114   | 450                                       |
| 1927         | ...  | 312   | 2,598                                     |
| 1928         | ...  | 580   | 4,429                                     |
| 1929         | ...  | 749   | 6,298                                     |
| 1930         | ...  | 806   | 7,395                                     |
| 1931         | ...  | 1,015 | 8,557                                     |
| 1932         | ...  | 1,075 | 8,860                                     |

Of the 1,075 cases on the Registers during 1932, 808 were children of school age and 267 under school age, the attendances of such cases being respectively 7,145 and 1,715, a total of 8,860 attendances.

62. HOSPITAL TREATMENT.—52 Non-Tuberculous Orthopaedic cases have received Hospital treatment during the year under review, together with 20 Tuberculous cases admitted under the Joint Committee's scheme, a total of 72 Orthopaedic cases of all types, as against 75 in the previous year.

63. The reduction shown in the number of Non-Tuberculous cases admitted to Hospital is due to the fact that several cases already treated during the year had to be re-admitted urgently on one or more occasions for further treatment.

64. With regard to Hospital Treatment it is of interest to note that at the Hospital of St. Cross, Rugby, in addition to the 12 cases under 16 years sent in by the County Council and occupying the two beds paid for under the Orthopaedic Scheme, a further 12 cases were given In-Patient treatment in the Hospital and maintained out of Hospital Funds. In-patient treatment is thus not withheld at Rugby simply because there is no vacancy in one of the two County beds.

65. In addition to the above Hospital cases dealt with during the year, 18 children not requiring major operative treatment and suffering from defects of a non-Tuberculous character received appropriate treatment in the Paybody Convalescent Home, Allesley, thus increasing the total of in-patient treatment of cripples during the year to 90 as compared with 95 in the previous year.

66. PAYBODY CONVALESCENT HOME, ALLESLEY.—The activities of this Convalescent Home have continued during the year under review on the lines laid down in my Report for 1931. As no extension has been made in accommodation, the number of beds provided at the Home remains at 40, 20 for Boys and 20 for Girls.





67. During the year, 18 cases, 11 of school age and 7 under school age, were admitted from the County, and of these 14 were discharged during the year, while 4 remained in the Home on December 31st, 1932. All the cases admitted almost without exception have done extremely well during their stay in the Home.
68. PARENTS' CONTRIBUTIONS.—Contributions towards the cost of treatment were received from parents during the year amounting to £330 2s. 3d. ; £226 2s. 6d. in respect of children of school age and £103 19s. 9d. in respect of children under school age. Contributions show an increase of £58 11s. 11d. on the figure for 1931, which was £271 10s. 4d.
69. RESULTS OF ORTHOPAEDIC TREATMENT.—Of the 1,075 cases treated, 209 or 19.5 per cent. were cured or greatly improved, and a further 651 were reported to be improving. It can therefore be definitely concluded that 860 or 80 per cent. of all cripples dealt with have derived benefit from the treatment they have received.

### SANITARY CIRCUMSTANCES OF THE AREA.

70. Under Section 57 of the Local Government Act, 1929, an application was received from the Bulkington Urban District Council for a grant from the County Council towards the cost of the existing water supply for the Parish of Bulkington. As this district was transferred on April 1st, 1932, to the Rugby Rural District, it was agreed that no action should be taken unless and until application be made by the Rugby Rural District Council. Application has since been received from the Rural District Council and the County Council have agreed to make a grant of £270 per annum until the 31st March, 1937—the end of the second fixed grant period—for the relief of the rates in the Parish of Bulkington, on account of works of sewage disposal and water supply. The Rural District Council have agreed to make a grant of £90 per annum for the same purpose for a similar period.
71. An application was received from the Dunchurch Parish Council for a contribution towards the cost of a water supply for Dunchurch, but as this parish is within the Rugby Rural District it was considered that the District Council should make application if required. Such application was duly made and contributions have since been promised to the Rugby Rural District Council towards the cost of water supplies for Dunchurch and Clifton-on-Dunsmore.
72. The Alcester Rural District Council made application for financial assistance towards the cost of erection of Public Conveniences at Alcester. After full discussion it was decided that no action be taken.
73. RURAL WATER SUPPLIES.—In view of the issue by the Ministry of Health of Circular 1338, in which co-operation is urged between County Councils and Rural District Councils in the provision of adequate water supplies, instructions have been given for a report on the source, quality and quantity of existing water supplies, which will be considered in due course.
74. MINISTRY OF HEALTH INQUIRIES.—The following Inquiries were held during the year 1932, in connection with applications for loans for Water Supply, and Works of Sewerage or Sewage Disposal :—
- (1) Atherstone Rural District Council, £4,000 for Works of Sewerage and Sewage Disposal for the contributory places of Ansley and Hartshill, apportioned as to the sum of £1,000 to Ansley and £3,000 to Hartshill.
  - (2) Borough of Nuneaton, £19,436 for Works of Sewage Disposal at their Sewage Disposal Works, Hartshill.
  - (3) Borough of Rugby, £22,000 for purposes of their Water Undertaking.
  - (4) Solihull Urban District Council, £13,722 for Works of Sewerage as follows :—
    - (1) £5,905 for extending the sewer along Stratford Road, Blackford Lane and Tanworth Lane, Shirley.
    - (2) £6,235 for constructing sewers in Haslucks Green Road, and Prince of Wales Lane, Shirley.
    - (3) £1,582 for the extension of the sewer in Sharmans Cross Road, Shirley.



## 75. RIVER POLLUTION AND SEWAGE DISPOSAL.

*River Tame.*—There is little to add to my observations on the River Tame contained in my Annual Report for 1931. The Upper Tame Basin Joint Committee continues its good work on the upper reaches of the Tame and has been effective in reducing pollution, particularly of a trade waste character, including oil waste. Farmers on the lower reaches are gratified at this result, but much still remains to be done to render the Tame anything approaching a stream capable of maintaining fish life.

76. The Birmingham, Tame and Rea District Drainage Board, in their Report for the year 1931-32, refer to the new Sewage Works now being provided at Coleshill in connection with the Cole Valley scheme. The Corporation of Birmingham are laying, between Lyndon End and Coleshill, "a trunk sewer  $6\frac{1}{2}$  miles long, designed to serve a present population of 40,000 persons living on the eastern side of the city and in portions of Solihull and Meriden Districts, and a future population of 335,000."
77. The proposed works at Coleshill, for which the Board is responsible, are designed to deal with 2 million gallons per day, treatment being carried out entirely by the activated sludge process. It is proposed to utilize the gases generated in sludge digestion to drive internal combustion engines for operating the plant. It is anticipated that the Board's Works in connection with this scheme will not be in complete operation until the middle of 1934, although they may be in partial use as early as the Autumn of 1933.
78. *River Anker.*—This River, the principal tributary of the River Tame, has been kept under observation during the year. In a survey carried out in August, 1932, the dissolved oxygen figure was high, particularly from Grendon Bridge down to its confluence with the River Tame at Tamworth. Fish were plentiful in this stretch. The bed of the stream below the Nuneaton Sewage Works has now been cleaned of obstructions, the need for which has been referred to repeatedly in previous Reports. An extension of filter area at these works which is now in hand, should materially help in safeguarding the River from pollution in the future.
79. It is gratifying to find that the Atherstone Rural District Council are also taking steps to increase the filter area at the Atherstone Sewage Works, and are contemplating new works at Polesworth, where coal mining operations have rendered unsafe the existing works at this village. The smaller works at Dordon and Baddesley Ensor are also receiving attention.
80. At the Bedworth Sewage Works, although some minor improvements have been carried out, the capacity of the plant is not equal to the volume of sewage to be treated. This question is, however, closely associated with the proposed Sowe Valley Scheme, as it is contended that this scheme, when in operation, will relieve the Bedworth Sewage Works considerably and further development there will be unnecessary.
81. The Tamworth Rural District Council have provided new and satisfactory Sewage Works at Amington, which should now prevent pollution of the River Anker at this point. The plant, consisting of percolating bacterial filters, has been in operation now for approximately twelve months. This Council is also responsible for new works at Dosthill and Hockley, where three circular bacteria beds have been provided together with suitable settling and humus tanks.
82. *River Avon.*—The principal effluents entering the River Avon are from Sewage Works at Rugby, Coventry, Warwick, Leamington via the Tachbrook, and Stratford-on-Avon. There are no works directly on the River liable to pollute it by trade waste. A serious pollution was, however, reported in August, 1932, occurring in the neighbourhood of Rugby, when fish were poisoned in large numbers. The circumstances were investigated thoroughly, and it is hoped that the action taken will obviate any similar occurrence in future. The stretch of the River affected has since been restocked with fish.







- S3. The new Coventry Sewage Works at Finham were officially opened on September 29th, 1932. When inspected in March, 1933, they were then dealing with an average of 2.8 million gallons per 24 hours, but at that time the filters had not matured, the effluent being consequently insufficiently treated. The works at Finham have already relieved those at Baginton, where the volume of sewage to be treated will not in future exceed 3 million gallons per 24 hours.
- S4. Treatment at Baginton is now entirely bacterial, partly through percolating bacterial filters and partly by the process of bio-aeration. Land irrigation has, therefore, been entirely superseded, with, it is hoped, much better results in the future. There is, however, considerable activity at these works with sludge treatment, all sludge from the Finham Works being pumped up to Baginton for treatment by sludge-digestion or by sludge-drying in lagoons.
- S5. The Leamington Sewage Works continue to be well managed and yield a satisfactory effluent, and it is gratifying to report good progress with the Warwick Corporation's new works at Longbridge. These are now completed and are in course of being tried out. The sewage now gravitates to the site of the old pumping station, where it is screened and pumped up to two rectangular tanks on the new works. The tank effluent is then treated on seven Circular Bacterial Filters and subsequently through Humus Tanks, before entering the River Avon. These excellent works, when in full operation, are bound materially to add to the amenities of the River below Warwick, and it is gratifying to record the accomplishment of this long called for improvement.
- S6. At Studley in the Alcester Rural District new Bacterial Works are now in operation, yielding a satisfactory effluent, but no progress has yet been made in the provision of adequate sewage disposal arrangements for Bidford-on-Avon.
- S7. SCHOOLS.—During the year 1932, school closure on account of infectious disease was necessitated in 73 departments, 30 of which were owing to the prevalence of Influenza during the first three months of the year. Of the remaining departments, 21 were closed because of Measles, 11 Whooping Cough, 6 Mumps, 4 Scarlet Fever, and 1 Chicken Pox. Notification is made by Head Teachers both to the District Medical Officer of Health and to the School Medical Officer of all cases of Infectious Disease occurring in the Schools, periods of exclusion being governed by regulations of the Ministry of Health and Board of Education, particulars of which are in the hands of every Head Teacher and School Attendance Officer.
- S8. HOUSING.  
*Housing Act, 1930, and Housing (Rural Authorities) Act, 1931.*—As reported last year the Ministry of Health have approved of grants being made to the following Rural Districts in respect of 58 houses :—Alcester 14, Shipston-on-Stour 30, Stratford-on-Avon 14.
- S9. An application was made by the Warwick Rural District Council for the Council's grant of £1 6s. for 10 houses in Cubbington, but it was pointed out that these houses were not for agricultural workers, nor for an agricultural population within the meaning of the Act, and the application was not granted.
- S10. *Housing Consolidated Amendment Regulations, 1932.*—As these Regulations primarily concerned the Local Sanitary Authorities, no action was taken.
- S11. *Ministry of Health Housing Acts (Forms of Orders and Notices) Regulations, 1932.*—No action was considered necessary on these Regulations.

## INSPECTION AND SUPERVISION OF FOOD.

- S12. MILK AND DAIRIES (CONSOLIDATION) ACT, 1915.—The administration of this Act has been carried out in Warwickshire as hitherto, by utilising the services of part-time Veterinary Inspectors appointed under the Diseases of Animals Act, consequently there is close



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co-operation between the County Public Health and Agricultural Committees in the administration of the Tuberculosis Order in its relation to Milk Inspection for Tubercle. In view, however, of the Milk Reorganisation Commission's Report, in which the value of routine Veterinary Inspection is stressed, this question is again receiving the consideration of the Weights and Measures Sub-Committee of the Public Health Committee, and a special report has been submitted by me to that Sub-Committee.

93. There is little doubt in my mind that Routine Veterinary Inspection of dairy cattle is a measure of primary importance in any attempt that is made to reduce the prevalence of tubercle infected milk, recognised as the source of a considerable percentage of non-pulmonary Tuberculosis in children. Any scheme, therefore, having as its object the prevention of diseases such as glandular, mesenteric, osseous and meningeal tuberculosis in children should be pursued and encouraged.

94. Under Section 4 of the Milk and Dairies (Consolidation) Act, 56 herds<sup>here</sup> notified to me by various Authorities as producing Tuberculous milk, this number including 14 herds notified by our own Food Inspectors under Section 3 of the same Act, have been inspected by the part-time Veterinary Inspectors, and in addition 5 herds carried forward from the previous year, the results of which are as follows :—

|   |    |
|---|----|
| 1. Cows found tuberculous and slaughtered under the Tuberculosis Order                            | 29 |
| 2. Herds subsequently freed from disease ... ..   | 48 |
| 3. Herds still under observation and investigation not completed at the<br>end of the year ... .. | 13 |
| Total ... ..  | 61 |

95. In the inspection of the above herds the Veterinary Inspectors have examined 1,088 cows in milk and have taken 183 milk samples for biological examination, an average of 3.3 samples per herd inspected. In addition, however, to these samples taken from suspected herds, 150 samples of milk have been taken by the Food Inspectors during delivery and of these 14 or 9.3 per cent. have been found to be infected with living tubercle bacilli.

96. MILK (SPECIAL DESIGNATIONS) ORDER, 1923.—During 1932, there were 39 applications received in respect of Grade "A" Licences (one being subsequently withdrawn). Of the Licences issued, 31 were for Grade "A" Producers, and 7 for Producer Retailers; 16 Licences were issued by the Ministry of Health to Producers of "Certified" and Grade "A" (Tuberculin Tested) Milk.

97. Although there were 54 producers of Designated Milk in the County, the majority is not sold in the County, but is imported into the City of Birmingham and subsequently pasteurised. Closer attention must therefore be paid to the quality of the milk consumed in the County itself, so that the public may be protected and be given an article of food free from contamination and unadulterated in any form. The time is ripe for a standard to be fixed and to be rigidly adhered to, making it an offence to sell for human consumption anything below that standard. A special effort would then be made by all Producers to secure cleanly production irrespective of grades that are so confusing to the general public.

98. PUBLIC HEALTH (PRESERVATIVES, ETC., IN FOOD) REGULATIONS.—No samples were submitted under the above Regulations during the year.

99. SALE OF FOOD AND DRUGS ACT.—During the year 1932, 773 samples were submitted for analysis by the County Inspectors, and 42 by the Inspectors of District Councils, making a total of 815 for the County. Of these, 88 were found to be adulterated, giving a sample adulteration figure of 10.7 per cent., as compared with 7.5 per cent. in 1931. The figure for milk adulteration alone was 8.7 as against 8.1 in the previous year.







100. The 88 samples found adulterated were as follows :—Milk 71 (43 Vendors), Butter 4, Sausage 8, Prescriptions 1, Whisky 1, Iodine Ointment 2, and Vinegar 1.

101. Proceedings were taken in 20 cases, against 12 vendors, the total amount of fines and costs paid being £45 12s. 6d.

102. Mr. RIGBY, County Analyst, gives the following particulars, shewing the average composition of all the samples of milk analysed during the year, and also the average for each quarter :—

| <i>Period.</i>    |     |     |     | <i>Non-fatty</i> |                | <i>Total</i> |                |
|-------------------|-----|-----|-----|------------------|----------------|--------------|----------------|
|                   |     |     |     | <i>No.</i>       | <i>Solids.</i> | <i>Fat.</i>  | <i>Solids.</i> |
| March Quarter     | ... | ... | ... | 208              | 8.5            | 3.5          | 12.1           |
| June Quarter      | ... | ... | ... | 103              | 8.9            | 3.3          | 12.2           |
| September Quarter | ... | ... | ... | 180              | 8.7            | 3.6          | 12.3           |
| December Quarter  | ... | ... | ... | 131              | 8.7            | 3.6          | 12.3           |
| Whole year        | ... | ... | ... | 622              | 8.7            | 3.5          | 12.2           |
| Legal limits      | ... | ... | ... | —                | 8.5            | 3.0          | —              |

103. SUPPLY OF MILK TO MOTHERS AND INFANTS.—The scheme for the supply of free milk to necessitous expectant and nursing mothers and to infants has been continued during the year as formerly. Every care is exercised in the distribution of this milk, not more than one pint per day being allowed to any one home except in the case of bottle-fed twins, and no supply being given by the Public Health Authority, where relief is already being given through Public Assistance.

104. During the year 487 new applications for free milk were granted and supplies were renewed monthly, a total of 619 families being helped in this manner. Milk distributed amounted to 85,874 pints (or its equivalent of dried milk). The actual apportionment of dairy milk and dried milk was as follows :—

Dairy Milk ... 83,032 pints.

Dried Milk ... 406 packets (or 2,842 pints),

representing a supply of 10,734 gallons as against 8,254 gallons in the previous year.

105. Although this is a costly activity, £1,050 per annum, it is a child welfare service that is bound to be of sound practical value by improving the nutrition of needy infants and thus staying off the onset of Rickets among those most likely to develop this nutritional disorder. All applicants are selected in the first place by the County Health Visitors during their Infant Visiting, or by Medical Officers of Infant Welfare Centres, each application being afterwards carefully scrutinised and approved by the Sub-Committee before milk is granted. In this manner abuse of this beneficent service is rendered well nigh impossible.

## PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

### GENERAL.

106. *Small-pox.*—32 notifications of Small-pox were received, as against 10 in the previous year. Of these 29 occurred in the Borough of Nuneaton and were treated in the Borough Small-pox Hospital. The remaining 3 occurred in the Mental Hospital, Warwick, but were associated with the Nuneaton outbreak. There were no deaths recorded.

107. *Vaccination against Small-pox.*—Of 5,185 births registered in 1931, there were successfully vaccinated 1,339 or 25.8 per cent., as against 26.9 per cent. in the previous year. There were recorded 3,151 conscientious objectors to vaccination, or 60.7 per cent., as compared with 60.5 per cent. in the preceding year. With a community so unprotected against small-pox it must be hoped that the present mild form of the disease—variola minor—will not be



replaced by the more virulent type—variola major—with its train of high mortality, troublesome complications and costly isolation and treatment. Constant vigilance by responsible health authorities must continue to be exercised if such an eventuality is to be averted.

108. *Scarlet Fever, Diphtheria and Enteric Fever.*—There was a slight reduction in the incidence of Scarlet Fever during the year, 569 notifications as compared with 630 in 1931. The disease was of a comparatively mild character, only 4 deaths being registered. Diphtheria also shews a marked reduction, 139 notifications against 342 during the previous year. Only 8 deaths were registered as against 20 in 1931. Enteric Fever also shews a slight reduction, 30 notifications as against 37 in 1931. Of these 30 cases, 26 were of the Para-typhoid variety, 20 of which occurred in epidemic form in the Solihull area during the early months of 1932. Only 3 deaths were registered from this disease.
109. *Measles, Whooping Cough and Influenza.*—Information received from Head Teachers shewed that Measles was fairly prevalent throughout the year and the death-rate was high, 25 deaths being registered from this disease as against 19 in the previous year. Whooping Cough, a very fatal disease among infants and younger children, accounted for 29 deaths, as compared with 15 in 1931. Influenza, which was epidemic in the early months of 1932, accounted for 162 deaths, the last heavy death-rate from this disease occurring in 1929, when 274 deaths were recorded. Although the outbreak in the winter of 1932 was disturbing, the disease was particularly prevalent in the early months of 1933, necessitating the closure of a large number of schools, owing chiefly to sudden depletion of numbers in attendance. A period of ten days is usually sufficient for closure of a school during the height of a local epidemic.
110. *Cerebro-Spinal Fever.*—61 notifications of this disease were received as compared with 10 in the previous year. Of these, 34 occurred in epidemic form in the Borough of Nuneaton and 25 in districts in the neighbourhood of Nuneaton. There were 28 deaths registered, giving a case mortality of 46 per cent. The majority of these cases were admitted to the Nuneaton Borough Isolation Hospital and were under the care of Dr. P. G. HORSBURGH, Medical Officer of Health. Those outside the Borough were admitted by special arrangement with the districts concerned.
111. Dr. HORSBURGH has reported very fully in his Annual Report on this particular outbreak.
112. In respect of the 48 cases admitted to Hospital, 29 were from the Borough of Nuneaton, and 19 from outlying districts. He points out that the case mortality of Borough cases was 24.1 per cent., while that of outside cases was 42.1 per cent. Dr. HORSBURGH in his concluding remarks draws attention to the urgent need for early admission to hospital in cases of this description. He also refers to the need for a quick ambulance service. He further considers the need during treatment of constant medical attention. This was found extremely difficult in the Fever Hospital where a Medical Officer was not in residence. On the technical side, he expresses the view that the withdrawal of fluid by lumbar puncture should be carried out in all cases, however hopeless they may appear to be on admission, followed, of course, by intra-theal injection of appropriate serum. Experience has shewn him that the administration of serum intra-venously is contra indicated.
113. LOCAL GOVERNMENT ACT, 1929. Section 63.—A scheme formulated by the County Council for the provision of Hospital accommodation for Infectious Diseases comprises (1) Provision for Infectious Diseases other than Small-pox and (2) provision for Small-pox. The County of Warwick has in the past been favourably placed as regards the amount of accommodation available for both types of Infectious Disease, and it has been considered undesirable to alter materially the existing provision for ordinary Infectious Diseases such as Scarlet Fever, Diphtheria, Typhoid Fever, etc., in fact the only alteration suggested is the closure of the Shipston-on-Stour Fever Hospital and the inclusion of cases from this Rural District in the Stratford-on-Avon Joint Isolation Hospital. This change has already been effected.





114. The Hospitals continuing to serve their respective districts are as follows :—

| <i>Hospital.</i>                                   |     | <i>Area to be served.</i>   |
|--|-----|---|
| Alcester Joint Infectious Diseases Hospital ...    | ... | Alcester Rural District.  |
| Atherstone Isolation Hospital ...                  | ... | Atherstone Rural District.  |
| Birmingham City Isolation Hospital ...             | ... | Borough of Sutton Coldfield.  |
| Nuneaton Borough Isolation Hospital (Bramcote) ... | ... | Borough of Nuneaton.  |
| Coventry City Isolation Hospital ...               | ... | Bedworth Urban District.  |
| Rugby Joint Hospital (Harboro' Magna) ...          | ... | { Borough of Rugby.<br>Rugby Rural District.  |
| Solihull and Meriden Joint Isolation Hospital ...  | ... | { Solihull Urban District.<br>Meriden Rural District.   |
| Stratford-on-Avon Joint Isolation Hospital ...     | ... | { Borough of Stratford-on-Avon.<br>Stratford-on-Avon Rural District.<br>Shipston-on-Stour Rural District.                           |
| Tamworth Joint Isolation Hospital ...              | ... | Tamworth Rural District (Warwickshire portion).   |
| Warwick Joint Hospital, Heathcote ...              | ... | { Borough of Leamington.<br>Borough of Warwick.<br>Kenilworth Urban District.<br>Southam Rural District.<br>Warwick Rural District. |

115. Greater changes are, however, recommended in the provision of accommodation for Small-pox. Hitherto eleven Hospitals have served the various Districts throughout the County, some of which it is now recognised are redundant, and it has accordingly been recommended that five of them should be closed. This is rendered possible through improved transport facilities to those hospitals remaining open and desirable from the point of view of nursing service and economy in maintenance.

116. The Small-pox Hospitals continuing to serve the various Districts throughout the County are as follows :—

| <i>Hospital.</i>                                    |     | <i>Area to be served.</i>  |
|---|-----|--|
| City of Birmingham Small-pox Hospital, Witton ...   | ... | { Borough of Sutton Coldfield.<br>Solihull Urban District.<br>Meriden Rural District.  |
| Coventry City Small-pox Hospital, Pinley ...        | ... | { Bedworth Urban District.<br>Borough of Rugby.<br>Rugby Rural District.   |
| Nuneaton Borough Small-pox Hospital, Tuttle Hill... | ... | { Borough of Nuneaton.<br>Atherstone Rural District.   |
| South Staffs. Joint Small-pox Hospital, Moxley ...  | ... | Tamworth Rural District (Warwickshire portion).  |
| Warwick Joint Small-pox Hospital, Fosse Road ...    | ... | { Borough of Leamington.<br>Borough of Warwick.<br>Kenilworth Urban District.<br>Southam Rural District.<br>Warwick Rural District.<br>Alcester Rural District.<br>Borough of Stratford-on-Avon.<br>Stratford-on-Avon Rural District.<br>Shipston-on-Stour Rural District. |



117. Closure of the following Small-pox Hospitals has been recommended in the scheme :—  
Alcester Joint Small-pox Hospital.  
Rugby Joint Small-pox Hospital (Lawford Heath).  
Solihull and Meriden Joint Small-pox Hospital (Marston Green).  
Shipston-on-Stour Joint Isolation Hospital for Small-pox.  
Stratford-on-Avon Small-pox Hospital.
118. The present Warwick Joint Small-pox Hospital, Fosse Road, is to remain in use until the termination of the lease in three years time, after which other accommodation will be provided by the Joint Hospital Board.
119. Inter-availability of Hospital accommodation is provided for in the Scheme, notification of the need for such accommodation being made by the District concerned to the County Medical Officer of Health.

120.

NOTIFIABLE DISEASES AND DEATHS.

|                         |     |     |     |     | Total<br>cases notified. | Total<br>deaths. |
|-------------------------|-----|-----|-----|-----|--------------------------|------------------|
| Small-pox               | ... | ... | ... | ... | 32                       | —                |
| Scarlet Fever           | ... | ... | ... | ... | 569                      | 4                |
| Diphtheria              | ... | ... | ... | ... | 139                      | 8                |
| Enteric Fever           | ... | ... | ... | ... | 30                       | 3                |
| Puerperal Fever         | ... | ... | ... | ... | 17                       | 7                |
| Puerperal Pyrexia       | ... | ... | ... | ... | 54                       | —                |
| Pneumonia               | ... | ... | ... | ... | 771                      | 232              |
| Cerebro Spinal Fever    | ... | ... | ... | ... | 61                       | 28               |
| Encephalitis Lethargica | ... | ... | ... | ... | 6                        | 8                |

TUBERCULOSIS.

121. During the year under review 347 notifications of Tuberculosis were received, and of these 245 were Pulmonary cases and 102 other forms of Tuberculosis, thus shewing a slight reduction in the figures for 1931, when there were 278 notifications of Pulmonary and 115 of other forms. There is also recorded a fall in the Death-rate from Pulmonary Tuberculosis, 0.49 per 1,000 of population as against 0.51 in 1931.

The age and sex distribution of the deaths is as follows :—

|              |     |     |     | DEATHS.    |    |                |    |
|--------------|-----|-----|-----|------------|----|----------------|----|
|              |     |     |     | Pulmonary. |    | Non-pulmonary. |    |
| AGE PERIODS. |     |     |     | M.         | F. | M.             | F. |
| 0—1          | ... | ... | ... | —          | 1  | 2              | 2  |
| 1—5          | ... | ... | ... | —          | —  | 7              | 3  |
| 5—15         | ... | ... | ... | 1          | 3  | 3              | 5  |
| 15—25        | ... | ... | ... | 19         | 22 | 5              | 6  |
| 25—45        | ... | ... | ... | 48         | 36 | 4              | 7  |
| 45—65        | ... | ... | ... | 25         | 18 | 4              | 3  |
| 65 and over  | ... | ... | ... | 5          | 2  | —              | 2  |
|              |     |     |     | —          | —  | —              | —  |
|              |     |     |     | 98         | 82 | 25             | 28 |
| Total        |     |     |     | 180        |    | 53             |    |

122. The following Table records the sex and age distribution of 239 notifications of Pulmonary Tuberculosis (Primary) and 91 notifications of other forms of Tuberculosis received during the year :—





## NOTIFICATIONS.

| AGE PERIODS. |     |     |     | <i>Pulmonary.</i> |     | <i>Non-pulmonary.</i> |    |
|--------------|-----|-----|-----|-------------------|-----|-----------------------|----|
|              |     |     |     | M.                | F.  | M.                    | F. |
| 0—1          | ... | ... | ... | —                 | —   | 2                     | 1  |
| 1—5          | ... | ... | ... | 1                 | 1   | 10                    | 6  |
| 5—10         | ... | ... | ... | 3                 | 4   | 15                    | 7  |
| 10—15        | ... | ... | ... | 1                 | 5   | 5                     | 4  |
| 15—20        | ... | ... | ... | 22                | 12  | 7                     | 7  |
| 20—25        | ... | ... | ... | 14                | 20  | 3                     | 6  |
| 25—35        | ... | ... | ... | 27                | 38  | 4                     | 8  |
| 35—45        | ... | ... | ... | 20                | 13  | —                     | —  |
| 45—55        | ... | ... | ... | 30                | 16  | 2                     | 2  |
| 55—65        | ... | ... | ... | 8                 | 3   | 1                     | 1  |
| 65 and over  | ... | ... | ... | —                 | 1   | —                     | —  |
|              |     |     |     | —                 | —   | —                     | —  |
|              |     |     |     | 126               | 113 | 49                    | 42 |
|              |     |     |     | 239               |     | 91                    |    |
| TOTAL        |     |     |     |                   |     |                       |    |

123. No further addition has been made in the accommodation for Tuberculous patients at the Memorial Sanatorium—195 beds—but from the 1st October, 1932, the number of beds at outside Hospitals and Sanatoria for non-pulmonary cases was increased from 40 to 50, as the waiting list for this type of case was found to be constantly long.

124. The question of the further development of the Sanatorium is at present under consideration, in view of the urgent need for additional accommodation for administrative purposes, particularly in respect of the modern methods of treatment now carried out on a large scale under most adverse conditions. This development is considered imperative since treatment on present lines was not anticipated when the Sanatorium was first built, the main considerations then being rest, fresh air and good feeding. Science has of recent years accomplished much more for the Tuberculous patient, as is evidenced by reference to par. 161 (Medical Superintendent's report), where are set out the various forms of treatment given during the year.

125. The County Health Visitors have continued their home visiting of Tuberculous cases, records shewing 274 first visits and 278 re-visits to new cases. To cases carried forward from the previous years 1,026 visits have been paid, and in addition 94 visits to ex-service men, making a total of 1,672 visits to Tuberculosis cases during the year. In 128 instances home visits were not required. Those Health Visitors, acting as Tuberculosis Nurses at the County Dispensaries, made 451 attendances.

126. The nursing of Tuberculosis cases has been continued as formerly by the Nurses of the District Nursing Associations affiliated to the County Nursing Association, to whom a grant has been made by the Joint Committee for Tuberculosis of £30, a similar grant being given to the Coventry District Nursing Association for cases nursed in the City of Coventry.

## REPORT OF THE CHIEF TUBERCULOSIS OFFICER.

(Dr. J. McGEAGH WILLIAMS).

127. During 1932 the number of new patients, including 31 transfers from other areas, examined at or in connection with the Joint Committee's seven Dispensaries and at the Sutton Coldfield School Clinic was 1,052. In addition, 5 patients transferred from other areas did not avail themselves of treatment in Warwickshire and are not mentioned further in this Report. In 1931 the number of new patients was 1,124, and in 1930, 1,122. The attendances at the seven Dispensaries and the Sutton Coldfield School Clinic numbered 2,646 as compared with 2,606 in 1931 and 2,524 in 1930.



128. The only changes in the medical staff occurred at the Memorial Sanatorium. Several medical men held the posts of Senior and Junior Medical Officers during the year. Particulars of the changes have been reported to the House Committee.

129. On the 1st April the area of the City of Coventry was increased and thirty-two (32) patients were transferred from Warwickshire to Coventry. New patients from the added area are now counted as Coventry patients.

130. In addition to the following tables which give the usual information about the Warwickshire patients dealt with under the Joint Committee's Scheme, further tables will be found in the appendix to this Report (Tables D. and E.)

*Atherstone Dispensary.*

New Patients—

|          |        |     |    |      |
|----------|--------|-----|----|------|
| Adults   | Male   | ... | 22 | } 54 |
|          | Female | ... | 14 |      |
| Children | Male   | ... | 11 | } 7  |
|          | Female | ... | 7  |      |

New Patients—

|   |     |     |    |      |
|---|-----|-----|----|------|
| Pulmonary                                 | ... | ... | 10 | } 54 |
| Non-Pulmonary                             | ... | ... | 2  |      |
| Not Tuberculous                           | ... | ... | 41 |      |
| Doubtful—under observation at end of year | ... | ... | 1  |      |

|          |     | On Dispensary<br>Treatment, 1-1-32. |     | Put on Dispensary<br>Treatment during 1932. |     | TOTAL. |
|----------|-----|-------------------------------------|-----|---|-----|--------|
| Adults   | ... | 2                                   | ... | 2   | ... | 4      |
| Children | ... | 4                                   | ... | 2   | ... | 6      |

10

| Contacts<br>examined | Tuberculous | Not Tuberculous | Doubtful—<br>under observation |
|----------------------|-------------|-----------------|--------------------------------|
| 41                   | 0           | 41              | 0                              |

Total Attendances of Patients ... 152\*

\*Including 15 attendances for artificial pneumothorax treatment.

*Coventry Dispensary.*

New Patients—

|          |        |     |    |       |
|----------|--------|-----|----|-------|
| Adults   | Male   | ... | 34 | } 108 |
|          | Female | ... | 42 |       |
| Children | Male   | ... | 17 | } 15  |
|          | Female | ... | 15 |       |

New Patients—

|   |     |     |    |       |
|---|-----|-----|----|-------|
| Pulmonary                                 | ... | ... | 17 | } 103 |
| Non-Pulmonary                             | ... | ... | 7  |       |
| Not Tuberculous                           | ... | ... | 84 |       |
| Doubtful—under observation at end of year | ... | ... | 0  |       |

|          |     | On Dispensary<br>Treatment, 1-1-32 |     | Put on Dispensary<br>Treatment during 1932 |     | TOTAL |
|----------|-----|------------------------------------|-----|--|-----|-------|
| Adults   | ... | 2                                  | ... | 1  | ... | 3     |
| Children | ... | 0                                  | ... | 0  | ... | 0     |

3

| Contacts<br>examined | Tuberculous | Not Tuberculous | Doubtful—<br>under observation |
|----------------------|-------------|-----------------|--------------------------------|
| 42                   | 0           | 42              | 0                              |

Total Attendances of County Patients ... 958\*

Total Attendances of Coventry Patients ... 4,393‡

5,351

\*Including 27 attendances for artificial pneumothorax treatment.

‡Including 103 attendances for artificial pneumothorax treatment.





*Leamington Dispensary.*

## New Patients—

|          |        |     |    |       |
|----------|--------|-----|----|-------|
| Adults   | Male   | ... | 30 | } 123 |
|          | Female | ... | 24 |       |
| Children | Male   | ... | 44 |       |
|          | Female | ... | 25 |       |

## New Patients—

|   |     |     |    |       |
|---|-----|-----|----|-------|
| Pulmonary                                 | ... | ... | 20 | } 123 |
| Non-Pulmonary                             | ... | ... | 6  |       |
| Not Tuberculous                           | ... | ... | 87 |       |
| Doubtful—under observation at end of year | ... | ... | 10 |       |

|                               |                      | On Dispensary<br>Treatment, 1-1-32 |             | Put on Dispensary<br>Treatment during 1932 |                 | TOTAL |                                |
|-------------------------------|----------------------|------------------------------------|-------------|--|-----------------|-------|--------------------------------|
| Adults                        | ...                  | 2                                  | ...         | 0  | ...             | 2     | } 6                            |
| Children                      | ...                  | 1                                  | ...         | 3  | ...             | 4     |                                |
|                               | Contacts<br>examined | 26                                 | Tuberculous | 0  | Not Tuberculous | 26    | Doubtful—<br>under observation |
|                               |                      |                                    |             |  |                 | 0     |                                |
| Total Attendances of Patients |                      |                                    |             |  |                 | 375*  |                                |

\* Including 19 attendances for artificial pneumothorax treatment.

*Nuneaton Dispensary.*

## New Patients—

|          |        |     |    |       |
|----------|--------|-----|----|-------|
| Adults   | Male   | ... | 84 | } 278 |
|          | Female | ... | 94 |       |
| Children | Male   | ... | 52 |       |
|          | Female | ... | 48 |       |

## New Patients—

|   |     |     |     |       |
|---|-----|-----|-----|-------|
| Pulmonary                                 | ... | ... | 40  | } 278 |
| Non-Pulmonary                             | ... | ... | 10  |       |
| Not Tuberculous                           | ... | ... | 228 |       |
| Doubtful—under observation at end of year | ... | ... | 0   |       |

|                               |                       | On Dispensary<br>Treatment, 1-1-32 |              | Put on Dispensary<br>Treatment during 1932 |                  | TOTAL |                                 |
|-------------------------------|-----------------------|------------------------------------|--------------|--|------------------|-------|---------------------------------|
| Adults                        | ...                   | 4                                  | ...          | 2  | ...              | 6     | } 7                             |
| Children                      | ...                   | 1                                  | ...          | 0  | ...              | 1     |                                 |
|                               | Contacts<br>Examined. | 154                                | Tuberculous. | 5  | Not-Tuberculous. | 149   | Doubtful—<br>under observation. |
|                               |                       |                                    |              |  |                  | 0     |                                 |
| Total Attendances of Patients |                       |                                    |              |  |                  | 564   |                                 |

*Rugby Dispensary.*

## New Patients—

|          |        |     |    |      |
|----------|--------|-----|----|------|
| Adults   | Male   | ... | 31 | } 96 |
|          | Female | ... | 34 |      |
| Children | Male   | ... | 15 |      |
|          | Female | ... | 16 |      |

## New Patients—

|   |     |     |    |      |
|---|-----|-----|----|------|
| Pulmonary                                 | ... | ... | 16 | } 96 |
| Non-Pulmonary                             | ... | ... | 4  |      |
| Not Tuberculous                           | ... | ... | 76 |      |
| Doubtful—under observation at end of year | ... | ... | 0  |      |

|                               |                      | On Dispensary<br>Treatment, 1-1-32. |             | Put on Dispensary<br>Treatment during 1932. |                 | TOTAL |                                |
|-------------------------------|----------------------|-------------------------------------|-------------|---|-----------------|-------|--------------------------------|
| Adults                        | ...                  | 1                                   | ...         | 2   | ...             | 3     | } 6                            |
| Children                      | ...                  | 3                                   | ...         | 0   | ...             | 3     |                                |
|                               | Contacts<br>examined | 53                                  | Tuberculous | 1   | Not Tuberculous | 52    | Doubtful—<br>under observation |
|                               |                      |                                     |             |   |                 | 0     |                                |
| Total Attendances of Patients |                      |                                     |             |   |                 | 297*  |                                |

\* Including 17 attendances for artificial pneumothorax treatment.



*Solihull Dispensary.*

## New Patients—

|          |        |     |    |      |
|----------|--------|-----|----|------|
| Adults   | Male   | ... | 12 | } 29 |
|          | Female | ... | 8  |      |
| Children | Male   | ... | 4  |      |
|          | Female | ... | 5  |      |

## New Patients—

|   |     |     |    |      |
|---|-----|-----|----|------|
| Pulmonary                                 | ... | ... | 9  | } 29 |
| Non-Pulmonary                             | ... | ... | 2  |      |
| Not Tuberculous                           | ... | ... | 17 |      |
| Doubtful—under observation at end of year | ... | ... | 1  |      |

|          |     | On Dispensary<br>Treatment, 1-1-32. |     | Put on Dispensary<br>Treatment during 1932. |     | TOTAL. |
|----------|-----|-------------------------------------|-----|---|-----|--------|
| Adults   | ... | 0                                   | ... | 1   | ... | 1      |
| Children | ... | 0                                   | ... | 0   | ... | 0      |

| Contacts<br>examined | Tuberculous | Not Tuberculous | Doubtful—<br>under observation |
|----------------------|-------------|-----------------|--------------------------------|
| 6                    | 0           | 6               | 0                              |

Total Attendances of Patients ... 75

*Stratford-on-Avon Dispensary.*

## New Patients—

|          |        |     |    |      |
|----------|--------|-----|----|------|
| Adults   | Male   | ... | 17 | } 53 |
|          | Female | ... | 18 |      |
| Children | Male   | ... | 11 |      |
|          | Female | ... | 7  |      |

## New Patients—

|   |     |     |    |      |
|---|-----|-----|----|------|
| Pulmonary                                 | ... | ... | 15 | } 53 |
| Non-Pulmonary                             | ... | ... | 3  |      |
| Not Tuberculous                           | ... | ... | 32 |      |
| Doubtful—under observation at end of year | ... | ... | 3  |      |

|          |     | On Dispensary<br>Treatment, 1-1-32 |     | Put on Dispensary<br>Treatment during 1932 |     | TOTAL |
|----------|-----|------------------------------------|-----|--|-----|-------|
| Adults   | ... | 0                                  | ... | 0  | ... | 0     |
| Children | ... | 0                                  | ... | 1  | ... | 1     |

| Contacts<br>examined | Tuberculous | Not Tuberculous | Doubtful—<br>under observation |
|----------------------|-------------|-----------------|--------------------------------|
| 13                   | 0           | 13              | 0                              |

Total Attendances of Patients ... 162

*Sutton Coldfield School Clinic.*

## New Patients—

|          |        |     |    |      |
|----------|--------|-----|----|------|
| Children | Male   | ... | 10 | } 31 |
|          | Female | ... | 21 |      |

## New Patients—

|   |     |     |    |      |
|---|-----|-----|----|------|
| Pulmonary                                 | ... | ... | 0  | } 31 |
| Non-Pulmonary                             | ... | ... | 1  |      |
| Not Tuberculous                           | ... | ... | 30 |      |
| Doubtful—under observation at end of year | ... | ... | 0  |      |

|          |       | On Dispensary<br>Treatment, 1-1-32 |       | Put on Dispensary<br>Treatment during 1932. |       | TOTAL. |
|----------|-------|------------------------------------|-------|---|-------|--------|
| Children | ..... | 1                                  | ..... | 0   | ..... | 1      |

| Contacts Examined. | Tuberculous. | Not Tuberculous. | Doubtful—<br>under observation |
|--------------------|--------------|------------------|--------------------------------|
| 13                 | 0            | 13               | 0                              |

Total Attendances of Patients ... 63





*Patients Visited at their Homes.*

## New Patients—

|          |        |     |     |       |
|----------|--------|-----|-----|-------|
| Adults   | Male   | ... | 116 | } 280 |
|          | Female | ... | 95  |       |
| Children | Male   | ... | 35  | }     |
|          | Female | ... | 34  |       |

## New Patients—

|   |     |     |     |       |
|---|-----|-----|-----|-------|
| Pulmonary                                 | ... | ... | 87  | } 280 |
| Non-Pulmonary                             | ... | ... | 23  |       |
| Not Tuberculous                           | ... | ... | 169 |       |
| Doubtful—under observation at end of year | ... | ... | 1   |       |

|                   |             |                 |                            |
|-------------------|-------------|-----------------|----------------------------|
| Contacts examined | Tuberculous | Not Tuberculous | Doubtful—under observation |
| 86                | 1           | 84              | 1                          |

These contacts are included in the above totals

At the end of 1931, there were 14 doubtful cases of tuberculosis under observation at the Dispensaries, two of these were found to be tuberculous during 1932, bringing the total number of patients under consideration to 1,054.

STAGE OF DISEASE.  
(New cases).

| Pulmonary.                              |                                   |          |          | Non-Pulmonary.    |            |               |                    | Doubtful under observation. | Not Tuberculous | Total. |
|---|-----------------------------------|----------|----------|-------------------|------------|---------------|--------------------|-----------------------------|-----------------|--------|
| Tubercle Bacilli not present in sputum. | Tubercle Bacilli found in sputum. |          |          | Bones and Joints. | Abdominal. | Other Organs. | Peripheral Glands. |                             |                 |        |
|   | Stage 1.                          | Stage 2. | Stage 3. |                   |            |               |                    |                             |                 |        |
| 40                                      | 39                                | 78       | 58       | 28                | 9          | 9             | 13                 | 16                          | 764             | 1,054  |
| 215                                     |                                   |          |          | 59                |            |               |                    |                             |                 |        |

The non-tuberculous and doubtful cases (780) are omitted from the following tables, which deal with the 274 tuberculosis cases.

## AGE PERIODS.

| 0-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 | 45-50 | 50-55 | 55-60 | over 60 | TOTAL. |
|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|--------|
| 9   | 25   | 10    | 41    | 43    | 43    | 26    | 17    | 16    | 24    | 11    | 7     | 2       | 274    |

## CONDITION OF TEETH.

| Good, up to 4 decayed. | More than 4 decayed. | Pyorrhœa, Alveolaris. | Dentures, partial or complete. | TOTAL. |
|------------------------|----------------------|-----------------------|--------------------------------|--------|
| 166                    | 48                   | 5                     | 55                             | 274    |

## FAMILY HISTORY OF TUBERCULOSIS.

| Near relatives affected. | Distant relatives affected. | Negative family history. | TOTAL. |
|--------------------------|-----------------------------|--------------------------|--------|
| 69                       | 28                          | 177                      | 274    |

Examinations of 1022 patients were carried out with a view to ascertaining their working capacity:—

| Doing some work at date of examination. | Not working, but fit for light work. | Unfit for work of any kind. | TOTAL. |
|---|--------------------------------------|-----------------------------|--------|
| 421                                     | 86                                   | 515                         | 1022   |
| 41.2%                                   | 8.7%                                 | 50.1%                       |        |



131. PATIENTS (INCLUDING NON-TUBERCULOUS) VISITED IN THEIR HOMES BY THE MEDICAL STAFF OF THE JOINT COMMITTEE.

| Sanitary District.                  | Now Cases | Old Cases | TOTAL.    |
|-------------------------------------|-----------|-----------|-----------|
| Alcester Rural ... ..               | 9         | 11        | 20        |
| Atherstone Rural ... ..             | 18        | 30        | 48        |
| Bedworth Urban ... ..               | 13        | 15        | 28        |
| Kenilworth Urban ... ..             | 5         | 8         | 13        |
| Borough of Leamington ... ..        | 13        | 13        | 26        |
| Meriden Rural ... ..                | 10        | 22        | 32        |
| Borough of Nuneaton ... ..          | 70        | 59        | 129       |
| Rugby Rural ... ..                  | 17        | 31        | 48        |
| Rugby Urban ... ..                  | 25        | 45        | 70        |
| Shipston-on-Stour Rural ... ..      | 3         | 3         | 6         |
| Solihull Urban ... ..               | 6         | 15        | 21        |
| Southam Rural ... ..                | 8         | 14        | 22        |
| Borough of Stratford-on-Avon ... .. | 5         | 10        | 15        |
| Stratford-on-Avon Rural ... ..      | 13        | 12        | 25        |
| Borough of Sutton Coldfield ... ..  | 22        | 24        | 46        |
| Tamworth Rural ... ..               | 25        | 10        | 35        |
| Borough of Warwick ... ..           | 10        | 18        | 28        |
| Warwick Rural ... ..                | 8         | 7         | 15        |
|                                     | <hr/> 280 | <hr/> 347 | <hr/> 627 |

132. INSTITUTIONAL TREATMENT.—Information concerning the number of admissions and discharges, average length of stay, and the Institutions made use of during the year, is given in the following tables :—

|  | Admissions. | Discharges. |
|--|-------------|-------------|
| Sanatoria :—                                       |             |             |
| Memorial ... ..                                    | 150         | 163         |
| Hospitals :—                                       |             |             |
| Forelands, Bromsgrove ... ..                       | 4           | 3           |
| Manfield, Northamptonshire ... ..                  | 4           | 4           |
| Nuneaton ... ..                                    | 1           | 2           |
| Paybody Convalescent Home, Allesley ... ..         | 1           | 0           |
| Royal Sea Bathing Hospital, Margate ... ..         | 1           | 0           |
| St. Cross, Rugby ... ..                            | 11          | 10          |
| Vicarage Road Auxiliary, Birmingham ... ..         | 2           | 1           |
| Victoria Park, London ... ..                       | 1           | 1           |
| Warneford, Leamington ... ..                       | 1           | 1           |
| Warwickshire Orthopaedic, Coleshill ... ..         | 7           | 4           |
| Woodlands, Birmingham ... ..                       | 3           | 9           |
|  | <hr/> 186   | <hr/> 198   |
| Average duration of treatment—all Institutions ... | 33.3 weeks. |             |
| Average duration of treatment—Memorial Sanatorium  | 28.8 weeks. |             |
| Deaths in Institutions (included in discharges) :— |             |             |
| Memorial Sanatorium ... ..                         | 25          |             |
| St. Cross Hospital, Rugby ... ..                   | 2           |             |
| Warwickshire Orthopaedic Hospital, Coleshill       | 1           |             |
|  | <hr/> 28    |             |

133. Details as to the immediate results of treatment will be found in Table E of the appendix to this Report.





134. CONTRIBUTIONS BY PATIENTS.—The Treasurer informs me that during the year the amount received from Warwickshire and Coventry patients was £366 11s. 0d. The amount received in 1931 was £298 6s. 9d., and in 1929, £443 7s. 10d.

135. SPUTUM EXAMINATIONS.—One hundred and seventy-five (175) of the new cases of Pulmonary Tuberculosis had tubercle bacilli in their sputum, and in 40 cases the bacilli were not found or the patients had no sputum. One thousand and thirty-eight (1,038) specimens of sputum were examined in the laboratory at the Chief Dispensary and 34 specimens were sent to Birmingham University.

136. CHILDREN.—Three hundred and eight (308) children (up to 15 years of age) were examined at the Dispensaries—164 boys and 144 girls. Eleven of these were found to be suffering from pulmonary tuberculosis, and 20 from non-pulmonary tuberculosis. Of the remainder, 5 were doubtful cases, and under observation at the end of the year, while 272 showed no definite evidence of tuberculosis. The pulmonary cases were classified into Stage T.B.—10; Stage 2. T.B. + 1.

137. SHELTERS.—The number of shelters available for the County is 58. The Joint Tuberculosis Committee own 40 of these. The number in use by Warwickshire patients on the 31st December, 1932, was 39. During the year 17 shelters were removed on ceasing to be required, one was sold, and 12 were erected at new addresses.

138. CONTACTS.—Routine examination of contacts was continued. The number of contacts examined at or in connection with the Dispensaries in 1932 was 350, the number in 1931 being 334.

| Contacts<br>examined. | Tuberculous. | Not<br>Tuberculous. | Doubtful—<br>under observation. |
|-----------------------|--------------|---------------------|---------------------------------|
| 350                   | 6            | 344                 | 0                               |

139. DISPENSARY TREATMENT.—The number of patients who attended the Dispensaries for some form of treatment in 1932 was 35. In 1931 the number was 52.

140. X-RAY EXAMINATIONS.—The number of X-Ray Examinations of County patients made during the year at the Chief Dispensary was 670. Of these 657 were screen examinations and 13 were photographs. In 1931 the number of examinations was 709.

141. DENTAL TREATMENT.—Particulars of dental treatment given at the Memorial Sanatorium appear in the Annual Report of the Medical Superintendent. Two patients having domiciliary treatment received dental treatment through the Joint Tuberculosis Committee during the year.

142. AFTER-CARE.—There were 107 applications for help. The Tuberculosis Nurse was able successfully to deal with 95 of these :—

|   |     |     |     |     |     |                 |
|---|-----|-----|-----|-----|-----|-----------------|
| Financial Help                                    | ... | ... | ... | ... | ... | 38              |
| Clothing supplied                                 | ... | ... | ... | ... | ... | 7               |
| Nursing arrangements                              | ... | ... | ... | ... | ... | 26              |
| Sent to Convalescent Homes (7), Orphans Homes (1) |     |     |     |     |     | 8               |
| Houses obtained                                   | ... | ... | ... | ... | ... | 1               |
| Social Service                                    | ... | ... | ... | ... | ... | 15              |
| Unable to help                                    | ... | ... | ... | ... | ... | 12              |
|   |     |     |     |     |     | <hr/> 107 <hr/> |

143. Seven of the patients who were helped financially received grants from the Warwickshire War Relief Fund. From this source £134 was distributed. The sum of £28 11s. 4d. was given by various charitable societies and private persons, making a total of £162 11s. 4d.



144. **EXTRA NOURISHMENT.**—The Joint Committee continue to grant extra nourishment to suitable cases. Their expenditure must not exceed £2 per 1,000 of the population of their area. During the year, the Committee granted extra nourishment to 57 patients. Grants to 23 patients ceased during the period under consideration, and there were 34 patients having extra diet on the 31st December, 1932. The Treasurer informed me that £404 10s. 2½d. was spent on extra nourishment for Warwickshire patients, and £337 0s. 4½d. for Coventry patients during the year, a total of £741 10s. 7d. In 1931 the amount spent for the whole Joint Committee's area was £792 8s. 2d., and in 1930, £666 18s. 8d. Cases of extreme poverty which can only be dealt with by the Public Assistance Committee are referred to them.
145. **NURSE SHAW** (the Tuberculosis Nurse) visited 223 patients in their homes, 52 of these being to discharged ex-service men. The number of similar visits made by the County Health Visitors was 2,035, of which 122 were to discharged ex-sailors and soldiers.
146. **PAYMENT OF PATIENTS' TRAVELLING EXPENSES.**—The Joint Committee have power to pay the travelling expenses of necessitous patients between their homes and Dispensaries and Sanatoria, and during 1932, the sum of £20 12s. 4d. was spent on County patients. This amount does not take into account any expenses in connection with the ambulance at the Memorial Sanatorium.
147. Co-operation with the General Practitioners continued to be satisfactory. The number of reports on insured tuberculous persons received from panel practitioners during the year was :—On Form G.P. 17 (initial report) 81 ; on Form G.P. 36 (progress report) 555 ; total 636. In 1931 the numbers were—121, 605, a total of 726.
148. **ORTHOPAEDIC AND LIGHT TREATMENT.**—The number of attendances of patients under the care of the Joint Committee at various Orthopaedic Clinics in the County was 590. In 1931 it was 467. Light treatment for those patients needing it, is given in the out-patient department of the Sanatorium. The number of attendances of these patients in 1932 was 430, and in 1931, 483.
149. The following information relating to the incidence of, and the deaths from tuberculosis, and the provision made for the treatment of this disease, is taken from the Thirteenth Annual Report of the Ministry of Health, and may be of interest.
150. The number of new cases of pulmonary tuberculosis fell from 56,334 in 1921, to 54,596 in 1931, while the number of cases of non-pulmonary tuberculosis increased from 15,368 in 1921, to 18,378 in 1931. There has, however, been a steady fall in the number of non-pulmonary cases since 1925, when 20,667 patients were notified, the number for 1931 being 292 less than for 1930, when there were 18,670 new cases of non-pulmonary tuberculosis. The number of deaths registered from tuberculosis in England and Wales fell from 42,678 in 1921, to 35,818 in 1931. The deaths in 1931 were 73 more than in 1930.
151. In England at the end of December, 1931, tuberculosis work was being carried out in 462 approved Dispensaries, excluding out-patient departments of Hospitals and Clinics for special forms of treatment. The number of approved Residential Institutions on that date was 537 providing 26,018 beds.

(Signed) J. McG. WILLIAMS,  
Tuberculosis Officer.

#### EXTRACTS FROM THE ANNUAL REPORT OF THE SUPERINTENDENT OF THE MEMORIAL SANATORIUM.

(Dr. CORYDON BUDGE.)

#### 152 STAFF.

*Ex-Patients.*—The Sanatorium continues to employ seven ex-patients on the staff: 1 Typist, 1 Dispenser, 1 Chauffeur, 3 Porters and 1 Painter.

*Health of Staff.*—Throughout the year the health of the staff has been very satisfactory and we have been free from any serious epidemic.





153. BUILDINGS.—An ex-patient Painter continues to carry out the painting of the buildings and also carries out minor repairs as the necessity arises. It has been found impossible for one man to do all the painting necessary at the Sanatorium. For this reason, Pavilions 3 and 4, the Engine and Laundry Blocks, the Clerk-Store Keeper's House, and the Porter's Quarters have been re-decorated by outside labour.

The consequent improved appearance and brightness in the pavilions and the working blocks have been much appreciated by all.

The new Night Nurses' Home was occupied on the 18th May, 1932. The Nurses much appreciate the quiet situation of the new Home, which renders their unusual hours of duty much less trying.

154. GROUNDS.—Every effort continues to be made to keep the grounds attractive, and during the finer months of the year the amenities thus provided were made full use of by the patients and staff. The land available for kitchen gardening is now fully utilized.

155. RECREATION.—The Sanatorium is indebted to many friends who have sent parcels of books and periodicals, toys, fruit and flowers, from time to time throughout the year. All have been suitably thanked.

The patients' canteen continues to flourish, and is a great convenience to all. On appropriate occasions such as Sports Day, and during 1932 at the opening of the Bowling Green, the canteen has provided substantial teas for a large number of visitors, and the service has been excellent.

The Bowling Green, the provision of which was reported last year, was formally opened by Mr. WILLIAM JOHNSON, Vice-Chairman of the Joint Committee, and Sir JOHN KEIR, Chairman of the Patients' Welfare Sub-Committee, on the 5th May, 1932. There was a very large attendance of visitors, and the occasion was much enjoyed by all. Silver Jacks, suitably inscribed, were presented to the above-named gentlemen as a mark of appreciation of the services they had rendered in connection with the green.

Shortly after the opening day, the Bowling Green was in full use, and has proved one of the most popular amenities in the Sanatorium.

A small Clock Golf Course, constructed and maintained by the Sanatorium staff and patients, was also opened during the year and has provided much enjoyment.

156. WATER CONSUMPTION.—The water consumed per head per day for the total population of the Sanatorium has given cause for anxiety, as from time to time it has a tendency to increase to a higher figure than is considered adequate. The total number of gallons consumed per head per day, hot and cold water combined, has fluctuated from 56 to as much as 72 gallons per head per day.

157. SCHOOL.—Miss HANCOX continues in charge of the school. The total number of attendances from the 1st April, 1931, to the 31st March, 1932, was 10,065, the maximum attendance being 58, and the minimum being 38 for any one day.

158. PATIENTS.—Necessitous patients continue to be helped by grants of clothing from the fund provided by the Committee, by the British Red Cross Society, the United Service Fund, and the Coventry City Aid Society.

During the year five patients received boots and clothing from the Committee at a cost of £14 15s. 7d.

The voluntary contributions towards the cost of treatment during 1932 amounted to £356 18s. 0d.



TABLE I.

## WARWICKSHIRE PATIENTS.

|  |     | <i>In Inst.</i><br><i>on Jan. 1,</i><br>1932. |     | <i>Admitted</i><br><i>during</i><br><i>year.</i> |     | <i>Discharged</i><br><i>during</i><br><i>year.</i> |     | <i>Died</i><br><i>in</i><br><i>Inst.</i> |     | <i>In Inst.</i><br><i>on Dec. 31,</i><br>1932. |
|--|-----|---|-----|--|-----|--|-----|--|-----|--|
| No. of doubtfully tuberculosis cases admitted for observation  | M.  | 0   | ... | 3  | ... | 3  | ... | 0  | ... | 0  |
|  | F.  | 1   | ... | 4  | ... | 5  | ... | 0  | ... | 0  |
|  | Ch. | 0   | ... | 3  | ... | 2  | ... | 0  | ... | 1  |
| Total  |     | 1   | ... | 10   | ... | 10   | ... | 0  | ... | 1  |
| No. of definitely tuberculosis patients admitted for treatment | M.  | 47  | ... | 65   | ... | 68   | ... | 14                                       | ... | 30   |
|  | F.  | 34  | ... | 63   | ... | 49   | ... | 11                                       | ... | 37   |
|  | Ch. | 24  | ... | 12   | ... | 11   | ... | 0  | ... | 25   |
| Total  |     | 105   | ... | 140  | ... | 128  | ... | 25                                       | ... | 92   |
| Grand Total  |     | 106   | ... | 150  | ... | 138  | ... | 25                                       | ... | 93   |

## COVENTRY PATIENTS.

|  |     | <i>In Inst.</i><br><i>on Jan. 1,</i><br>1932. |     | <i>Admitted</i><br><i>during</i><br><i>year.</i> |     | <i>Discharged</i><br><i>during</i><br><i>year.</i> |     | <i>Died</i><br><i>in</i><br><i>Inst.</i> |     | <i>In Inst.</i><br><i>on Dec. 31,</i><br>1932. |
|--|-----|---|-----|--|-----|--|-----|--|-----|--|
| No. of doubtfully tuberculosis cases admitted for observation  | M.  | 0   | ... | 1  | ... | 1  | ... | 0  | ... | 0  |
|  | F.  | 0   | ... | 2  | ... | 2  | ... | 0  | ... | 0  |
|  | Ch. | 0   | ... | 1  | ... | 1  | ... | 0  | ... | 0  |
| Total  |     | 0   | ... | 4  | ... | 4  | ... | 0  | ... | 0  |
| No. of definitely tuberculosis patients admitted for treatment | M.  | 47  | ... | 90   | ... | 90   | ... | 11                                       | ... | 36   |
|  | F.  | 30  | ... | 64   | ... | 48   | ... | 3  | ... | 43   |
|  | Ch. | 9   | ... | 4  | ... | 5  | ... | 0  | ... | 8  |
| Total  |     | 86  | ... | 158  | ... | 143  | ... | 14                                       | ... | 87   |
| Grand Total  |     | 86  | ... | 162  | ... | 147  | ... | 14                                       | ... | 87   |

TABLE II.

## WARWICKSHIRE PATIENTS

Return showing the results of observation of doubtfully tuberculosis cases discharged during the year.

|  |     | <i>For Pulmonary<br/>Tuberculosis.</i> |    |     |                               |    |     | <i>For Non-Pulmonary<br/>Tuberculosis.</i> |    |     |                               |    |     |                |    |     |
|--|-----|--|----|-----|-------------------------------|----|-----|--|----|-----|-------------------------------|----|-----|----------------|----|-----|
|  |     | <i>Stay under<br/>4 weeks.</i>         |    |     | <i>Stay over<br/>4 weeks.</i> |    |     | <i>Stay under<br/>4 weeks.</i>             |    |     | <i>Stay over<br/>4 weeks.</i> |    |     | <i>Totals.</i> |    |     |
| Diagnosis on<br>discharge from<br>observation. |     | M.                                     | F. | Ch. | M.                            | F. | Ch. | M.   | F. | Ch. | M.                            | F. | Ch. | M.             | F. | Ch. |
| Tuberculosis                                   | ... | —                                      | 2  | —   | —                             | 1  | —   | 1  | —  | —   | —                             | —  | 2   | 1              | 3  | 2   |
| Non-Tuberculous                                |     | —                                      | —  | —   | 1                             | 1  | —   | —  | —  | —   | —                             | —  | —   | 1              | 1  | —   |
| Doubtful                                       | ... | 1                                      | —  | —   | —                             | 1  | —   | —  | —  | —   | —                             | —  | —   | 1              | 1  | —   |
| Totals   | ... | ...                                    | 1  | 2   | —                             | 1  | 3   | —  | 1  | —   | —                             | —  | —   | 2              | 3  | 5   |





## COVENTRY PATIENTS.

| Diagnosis on<br>discharge from<br>observation |     | For Pulmonary<br>Tuberculosis. |    |     |                       |    |     | For Non-Pulmonary<br>Tuberculosis. |    |     |                        |    |     | Totals. |    |     |   |
|---|-----|--------------------------------|----|-----|-----------------------|----|-----|------------------------------------|----|-----|------------------------|----|-----|---------|----|-----|---|
|   |     | Stay under<br>4 weeks.         |    |     | Stay over<br>4 weeks. |    |     | Stay under<br>4 weeks.             |    |     | Stay over.<br>4 weeks. |    |     |         |    |     |   |
|   |     | M                              | F. | Ch. | M.                    | F. | Ch. | M.                                 | F. | Ch. | M.                     | F. | Ch. | M.      | F. | Ch. |   |
| Tuberculosis                                  | ... | 1                              | 1  | —   | —                     | 1  | 1   | —                                  | —  | —   | —                      | —  | —   | 1       | 2  | 1   |   |
| Non-Tuberculous                               |     | —                              | —  | —   | —                     | —  | —   | —                                  | —  | —   | —                      | —  | —   | —       | —  | —   |   |
| Doubtful                                      | ... | —                              | —  | —   | —                     | —  | —   | —                                  | —  | —   | —                      | —  | —   | —       | —  | —   |   |
| Totals  | ... | ...                            | 1  | 1   | —                     | —  | 1   | 1                                  | —  | —   | —                      | —  | —   | —       | 1  | 2   | 1 |

TABLE III.

*Stages of Disease.*

## WARWICKSHIRE PATIENTS.

| Class T.B. |     | Stage I. |     | Stage II. |     | Stage III. |     | Non-<br>Pulmonary. |     | Observation. |     | Total. |
|------------|-----|----------|-----|-----------|-----|------------|-----|--------------------|-----|--------------|-----|--------|
| minus.     | ... | 9        | ... | 63        | ... | 32         | ... | 10                 | ... | 10           | ... | 138    |
| 14         |     |          |     |           |     |            |     |                    |     |              |     |        |

## COVENTRY PATIENTS.

| Class T.B. |     | Stage I. |     | Stage II. |     | Stage III. |     | Non-<br>Pulmonary. |     | Observation. |     | Total. |
|------------|-----|----------|-----|-----------|-----|------------|-----|--------------------|-----|--------------|-----|--------|
| minus.     | ... | 24       | ... | 67        | ... | 42         | ... | 3                  | ... | 4            | ... | 147    |
| 7          |     |          |     |           |     |            |     |                    |     |              |     |        |

TABLE IV.

*Condition on Discharge.*

## WARWICKSHIRE PATIENTS.

| Quiescent. |     | Non-Quiescent. |     | Died. |     | Observation. |     | Total. |
|------------|-----|----------------|-----|-------|-----|--------------|-----|--------|
| 40         | ... | 88             | ... | 25    | ... | 10           | ... | 163    |

## COVENTRY PATIENTS.

| Quiescent. |     | Non-Quiescent. |     | Died. |     | Observation. |     | Total. |
|------------|-----|----------------|-----|-------|-----|--------------|-----|--------|
| 28         | ... | 115            | ... | 14    | ... | 4            | ... | 161    |

TABLE V.

*Duration of Stay.*

## WARWICKSHIRE PATIENTS.

|   |     |     |
|---|-----|-----|
| No. of patients discharged during 1932, who had more than 12 months' treatment      | ... | 22  |
| " " " " " 6—12 months' treatment  | ... | 50  |
| " " " " " 3—6 " "   | ... | 45  |
| " " " " " under 3 " "   | ... | 36  |
| No. of observation cases discharged during 1932, who had under 4 weeks' observation |     | 4   |
| " " " " " " " over 4 " "  |     | 6   |
|   |     | 163 |



## COVENTRY PATIENTS.

|   |     |     |
|---|-----|-----|
| No. of Patients discharged during 1932, who had more than 12 months' treatment      | ... | 11  |
| "    "    "    "    "    6—12 months' treatment                                     | ... | 62  |
| "    "    "    "    "    3—6    "    "  | ... | 58  |
| "    "    "    "    "    under 3    "    "  | ... | 26  |
| No. of observation cases discharged during 1932, who had under 4 weeks' observation |     | 2   |
| "    "    "    "    "    "    "    over 4    "    "                                 |     | 2   |
|   |     | 161 |

Average duration of stay of Warwickshire Patients ... 28.8 weeks.

    "    "    "    Coventry Patients ... 25.1 "

## 159. LABORATORY.

The total number of sputum examinations was 1,588.

The total number of Pathological examinations made was 81.

2 Animal inoculations have been performed.

## 160. X-RAY WORK.—During the year we have made :—

3,621 Screen examinations.

312 Photographs.

## 161. TREATMENT.—During the year :—

130 patients have been treated by artificial pneumothorax.

24 " " " with Sanocrysin.

12 " " " " Gold Chloride.

14 " " " " Lopion.

2 " " " " Tuberculin.

4 " " " " Tetnanol.

3 " " " " Autogenous Vaccines.

2 " " " " Biocholine.

2 " " " " Fraisse's Ferruginous Injects.

38 " " " by Artificial Sunlight.

## 162. THE NUMBER OF ATTENDANCES MADE BY OUT-PATIENTS FOR SPECIAL TREATMENT AND EXAMINATIONS.

817 attendances for treatment by artificial pneumothorax.

477 " " " " " " sunlight.

57 " " " " of larynx.

12 " " " examination.

22 " " " treatment by gas replacement.

1 attendance " " exploratory purpose.

1386 Total attendances.

## 163. ARTIFICIAL SUNLIGHT TREATMENT.—During the year 1932, thirty-eight patients were treated by artificial sunlight, the cases being as follows :—

Lupus ... 7 adults, 2 children.

Tuberculous abdomen ... 4 " 6 "

    " joints ... 3 "

Sinus (Rectal) ... 6 "

Chilblains ... 10 "





164. Throughout the year under review, all the activities of the Sanatorium have been vigorously pursued. The slight cases of disease have been encouraged to undergo the lengthy period of treatment necessary; the intermediate cases have all been considered with a view to utilising fully the experience of recent years in active therapy by artificial pneumothorax, and allied methods, and by gold compounds; while in a large proportion of the advanced cases, it has again been found that much can be done towards staying the march of the disease.

165. The foregoing report also shows that the social side of the life in the Sanatorium is well catered for. Increasing importance is being attached to this year by year, and we are fortunate in possessing many amenities. Thus the patients are kept cheerful; and it is an undoubted fact that cheerful patients respond more readily to the efforts made on their behalf.

#### OPHTHALMIA NEONATORUM.

166. 38 notifications of Ophthalmia Neonatorum were received as against 37 in the previous year. Of these 14 were notified in the three Maternity and Child Welfare Areas—Nuneaton, Leamington Spa and Sutton Coldfield—and 24 in the Maternity and Child Welfare County. The analysis of these 24 cases is as follows:—

| Ophthalmia<br>Neonatorum. | Cases.    |             |                 | Vision<br>Unimpaired. | Vision<br>Impaired. | Total<br>Blindness. | Deaths. |
|---------------------------|-----------|-------------|-----------------|-----------------------|---------------------|---------------------|---------|
|                           | Notified. | Treated     |                 |                       |                     |                     |         |
|                           |           | At<br>Home. | In<br>Hospital. |                       |                     |                     |         |
|                           | 24        | 19          | 5               | 23                    | 1                   | Nil                 | Nil     |

167. The Hospital cases referred to above were admitted to the Birmingham and Midland Eye Hospital, Birmingham, under the County scheme.

168. 62 notices of Medical Help were received from Midwives on account of Inflammation or watery discharge from the eyes, however slight, and as 38 were notified by Doctors as Ophthalmia, the remaining 24 were of a slight nature only, and did not develop purulent discharge. To these cases the County Health Visitors paid 59 first visits and 92 re-visits, a total of 151 visits to all cases of inflammation of the eyes including Ophthalmia Neonatorum.

#### VENEREAL DISEASES.

169. Facilities for the treatment of Venereal Diseases have continued unchanged at the five Clinics under the County Scheme, and from the table referred to below it will be seen that the number of new cases attending numbered 302 as against 316 in the previous year. In addition, however, 81 persons attended who were found not to be suffering from Venereal Disease.

170. 87 persons having complied with the required tests were discharged after completing treatment, but 99 ceased to attend before completing treatment. It is gratifying, however, to record 16,033 attendances of patients at the various Clinics, which certainly would appear to justify their existence. The service is nevertheless a costly one, averaging £8 per case treated.



171. PROPAGANDA.—The County Public Health Committee included in their estimates £50 for local educational activities, and in this connection the British Social Hygiene Council organised a three days' campaign in December, 1932, when suitable films were shewn and addresses given, both to mixed audiences and to men only.

172. The meetings were held at Warwick, Stratford-on-Avon and Wilnecote, when the film "John Smith and Son" was shewn to mixed audiences and "V.D. Cash Register" to men only. Each meeting was addressed by Mr. SANDERS of the British Social Hygiene Council, the chair being taken at Warwick by Dr. G. G. C. TAYLOR, at Stratford-on-Avon by the Mayor, and at Wilnecote by Dr. J. V. L. GRANT. The meeting at Stratford-on-Avon was also addressed by Councillor BULLOCK, Chairman of the Venereal Diseases Sub-Committee. The attendances at all meetings numbered 1,750. Great interest was shewn in the lectures and films, and many questions were asked at the conclusion of the addresses, both publicly and privately. One very satisfying feature of the attendances was the large number of young men and women present.

173. A considerable quantity of literature was both sold and distributed free at each of the meetings, and I think it can be concluded that although the Campaign was of necessity limited to three days, it was entirely successful and most encouraging.

#### 174. ATTENDANCES AT TREATMENT CENTRES, 1932.

|   | Warneford Hosp. |        | Coventry & War. Hosp. |        | Gen. Hosp. B'ham. |        | Hosp. of St. Cross, Rugby. |        | Nuneaton V.D. Clinic |        | TOTALS.   |
|---|-----------------|--------|-----------------------|--------|-------------------|--------|----------------------------|--------|----------------------|--------|-----------|
| 1. Persons dealt with at Out-patient Clinic for the first time, suffering from Syphilis | M.              | F.     | M.                    | F.     | M.                | F.     | M.                         | F.     | M.                   | F.     |           |
| Soft Chancre  | 13              | 13     | 6                     | 17     | 9                 | 5      | 8                          | 7      | 12                   | 10     | 100       |
| Gonorrhœa   | 0               | 1      | 0                     | 0      | 0                 | 0      | 0                          | 0      | 0                    | 0      | 1         |
| Not suffering from Venereal Disease ..  | 38              | 25     | 21                    | 12     | 33                | 4      | 11                         | 1      | 48                   | 8      | 201       |
| 2. Persons discharged from Clinic after completing treatment for:— Syphilis             | 1               | 1      | 11                    | 4      | 21                | 15     | 9                          | 6      | 6                    | 7      | 81        |
| Gonorrhœa   | 1               | 0      | —                     | —      | 1                 | 1      | 9                          | 7      | 5                    | 4      | 28        |
| 3. Persons who ceased to attend without completing treatment for:—Syphilis              | 5               | 2      | 6                     | 2      | 5                 | 2      | 10                         | 1      | 21                   | 5      | 59        |
| Gonorrhœa   | 7               | 1      | 4                     | 9      | 5                 | 5      | 1                          | 2      | 4                    | 4      | 42        |
| 4 Total attendances of all Persons at Clinic  | 13              | 6      | 5                     | 5      | 12                | 2      | 2                          | 0      | 8                    | 4      | 57        |
|   | 735             | 651    | 1189                  | 857    | 2174              | 680    | 792                        | 208    | 8001                 | 746    | 16,033    |
| Previous year   | 1386            | (1125) | 2046                  | (2272) | 2854              | (2917) | 1000                       | (1294) | 8747                 | (9035) | (16,643)  |
| 5. No. of In-patient days of Treatment to persons suffering from:— Syphilis             | 22              | 22     | —                     | —      | 2                 | 12     | 0                          | 23     | —                    | —      | 81        |
| Gonorrhœa   | 190             | 191    | 67                    | 0      | 88                | 31     | 14                         | 0      | —                    | —      | 581       |
| No. of new Cases of Venereal Disease .. ..  | 51              | 39     | 27                    | 29     | 42                | 9      | 19                         | 8      | 60                   | 18     |           |
| Previous year   | 90              | (75)   | 56                    | (73)   | 51                | (49)   | 27                         | (46)   | 78                   | (73)   | 302 (316) |

175. INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS.—During the year 5 unmarried mothers suffering from Venereal Disease were given varying periods of institutional treatment; 4 at Cleveland House Hostel, Wolverhampton, and 1 at St. Mary's Home, Leicester. All these cases were submitted in the first instance through the Coventry Diocesan Council for Moral Welfare.





## CONCLUSION.

176. The following Table, which it has been customary to publish in past years, records some of the more important statistical results of the year under review, compared with previous rates for the last 30 years.

| Year. | Birth Rate. | Death Rate. | Zymotic Death Rate. | Pulmonary Tuberculosis Death Rate | Typhoid Fever Death Rate | Infant Mortality. |
|-------|-------------|-------------|---------------------|-----------------------------------|--------------------------|-------------------|
| 1903. | 26.34       | 13.69       | 1.15                | 0.91                              | 0.04                     | 125               |
| 1904. | 26.96       | 14.18       | 1.48                | 0.80                              | 0.07                     | 133               |
| 1905. | 25.58       | 12.87       | 0.90                | 0.72                              | 0.04                     | 109               |
| 1906. | 25.70       | 13.50       | 1.49                | 0.80                              | 0.07                     | 124               |
| 1907. | 25.08       | 12.48       | 0.84                | 0.78                              | 0.07                     | 99                |
| 1908. | 25.70       | 12.80       | 0.87                | 0.83                              | 0.02                     | 100               |
| 1909. | 24.40       | 13.03       | 0.89                | 0.77                              | 0.03                     | 97                |
| 1910. | 23.70       | 11.60       | 0.75                | 0.80                              | 0.03                     | 89                |
| 1911. | 22.80       | 12.60       | 1.70                | 0.77                              | 0.03                     | 115               |
| 1912. | 23.10       | 12.00       | 0.80                | 0.59                              | 0.02                     | 79                |
| 1913. | 24.17       | 12.12       | 0.87                | 0.58                              | 0.02                     | 88                |
| 1914. | 23.07       | 11.9        | 0.81                | 0.66                              | 0.02                     | 87                |
| 1915. | 22.45       | 13.45       | 0.94                | 0.83                              | 0.01                     | 86                |
| 1916. | 21.01       | 13.29       | 0.68                | 0.81                              | 0.01                     | 80                |
| 1917. | 18.51       | 13.33       | 0.71                | 0.83                              | 0.006                    | 79                |
| 1918. | 18.47       | 15.92       | 0.55                | 0.93                              | 0.006                    | 80                |
| 1919. | 18.04       | 11.90       | 0.39                | 0.86                              | 0.006                    | 77                |
| 1920. | 25.18       | 10.62       | 0.41                | 0.65                              | 0.008                    | 65                |
| 1921. | 22.27       | 10.73       | 0.46                | 0.64                              | 0.002                    | 65                |
| 1922. | 21.16       | 11.04       | 0.33                | 0.68                              | 0.003                    | 60                |
| 1923. | 19.75       | 10.29       | 0.50                | 0.66                              | 0.02                     | 30                |
| 1924. | 18.76       | 10.98       | 0.30                | 0.69                              | 0.01                     | 60                |
| 1925. | 18.46       | 11.15       | 0.42                | 0.70                              | 0.005                    | 62                |
| 1926. | 17.52       | 10.52       | 0.31                | 0.65                              | 0.005                    | 54                |
| 1927. | 17.30       | 11.25       | 0.21                | 0.64                              | 0.007                    | 66                |
| 1928. | 16.83       | 10.13       | 0.23                | 0.55                              | 0.008                    | 55                |
| 1929. | 16.29       | 12.70       | 0.33                | 0.70                              | 0.01                     | 60                |
| 1930. | 16.63       | 10.82       | 0.25                | 0.51                              | 0.008                    | 49                |
| 1931. | 15.69       | 11.06       | 0.20                | 0.51                              | 0.01                     | 55                |
| 1932. | 15.38       | 11.52       | 0.22                | 0.49                              | 0.008                    | 55                |

177. The above table shews the progressive decline of the birth-rate noticeable since the high post-war figure in 1920 of 25.18 per 1,000 of population. Last year's figure of 15.38 is the lowest ever recorded in the County. With this fall there has been during the last three years a significant rise in the general death-rate, last year's figure being 11.52 as against 11.06 in 1931 and 10.82 in 1930. The death-rate for the whole of England and Wales was 12.0 per 1,000 of population in 1932.

178. The Infant death-rate of 55 per 1,000 births compares favourably with that of 65 for the whole of England and Wales. It is gratifying also to note that the death-rate from Pulmonary Tuberculosis, 0.49 per 1,000 of population, is the lowest ever recorded in the County, notwithstanding a rather heavy Influenza mortality, 0.44, as against 0.32 for the whole of England and Wales.

179. I beg to thank the County Public Health Committee and the various associated Sub-Committees for their confidence in the past and crave their continued support and encouragement in the future in the development of an ever growing Preventive Health Service that is entrusted to County Councils to build up and administer. I would also express my appreciation and thanks to my Medical colleagues, for their willing help at all times, and to my clerical staff for their unfailing loyalty and devotion to the work of the Council during a particularly difficult year.

I have the honour to remain,

My Lord, Ladies and Gentlemen,

Your obedient Servant,

A. HAMILTON WOOD,

County Medical Officer of Health.











1932

**B. THE REGISTRAR GENERAL'S FIGURES &c., for POPULATION, BIRTHS and DEATHS in the URBAN and RURAL DISTRICTS, and RATES based thereon.**

|                   | Population.   |                           | Births.           |             | Deaths.           |             | Infant Mortality. |                              | Congenital Debility and Malformation, Premature Birth. |             | Zymotic Diseases. |             | Pulmonary Tuberculosis. |             |
|-------------------|---------------|---------------------------|-------------------|-------------|-------------------|-------------|-------------------|------------------------------|--|-------------|-------------------|-------------|-------------------------|-------------|
|                   | Census, 1921. | Estimated middle of 1923. | Number of Births. | Birth Rate. | Number of Deaths. | Death Rate. | Number of Deaths. | Death Rate per 1,000 Births. | Number of Deaths.                                      | Death Rate. | Number of Deaths. | Death Rate. | Number of Deaths.       | Death Rate. |
| <u>URBAN:</u>     |               |                           |                   |             |                   |             |                   |                              |  |             |                   |             |                         |             |
| BEDWORTH.         | 16959         | 17240                     | 317               | 19.89       | 158               | 9.91        | 24                | 75                           | 11   | 0.69        | 8                 | 0.50        | 10                      | 0.62        |
| BULKINGTON.       | -             | -                         | 17                | 24.63       | 11                | 15.94       | 1                 | -                            | -  | -           | -                 | -           | -                       | -           |
| KENILWORTH.       | 7596          | 7700                      | 114               | 14.80       | 74                | 9.61        | 5                 | 43                           | 5  | 0.64        | 1                 | 0.12        | 7                       | 0.90        |
| LEAMINGTON SPA.   | 29662         | 30270                     | 361               | 11.92       | 474               | 15.65       | 17                | 47                           | 13   | 0.42        | 6                 | 0.19        | 12                      | 0.39        |
| NUNZATON.         | 46305         | 46830                     | 844               | 18.02       | 485               | 10.35       | 50                | 59                           | 25   | 0.53        | 12                | 0.25        | 41                      | 0.87        |
| RUGBY.            | 34427         | 35110                     | 400               | 12.03       | 356               | 10.98       | 25                | 62                           | 20   | 0.61        | 1                 | 0.03        | 18                      | 0.55        |
| SOLIHULL.         | 25371         | 27130                     | 296               | 14.53       | 175               | 8.59        | 13                | 43                           | 12   | 0.58        | -                 | -           | 4                       | 0.19        |
| STRATFORD-ON-AVON | 11616         | 11750                     | 145               | 12.34       | 150               | 12.76       | 3                 | 20                           | 2  | 0.17        | 3                 | 0.25        | 4                       | 0.34        |
| SUTTON COLDFIELD  | 29924         | 30310                     | 364               | 12.00       | 305               | 10.06       | 14                | 38                           | 7  | 0.23        | 4                 | 0.13        | 14                      | 0.46        |
| WARWICK.          | 13459         | 13660                     | 207               | 15.15       | 194               | 14.20       | 9                 | 43                           | 4  | 0.29        | 3                 | 0.21        | 5                       | 0.36        |
| TOTAL URBAN:      | 215319        | 220000                    | 3065              | 14.60       | 2382              | 11.34       | 161               | 52                           | 99   | 0.47        | 38                | 0.18        | 115                     | 0.54        |
| <u>RURAL:</u>     |               |                           |                   |             |                   |             |                   |                              |  |             |                   |             |                         |             |
| ALCESTER.         | 11233         | 11480                     | 157               | 13.67       | 158               | 13.76       | 9                 | 57                           | 4  | 0.34        | 3                 | 0.26        | 7                       | 0.60        |
| ATHERSTONE        | 21865         | 22040                     | 412               | 18.71       | 249               | 11.31       | 30                | 72                           | 19   | 0.86        | 10                | 0.45        | 17                      | 0.77        |
| + FOLESHILL       | -             | -                         | 91                | 18.84       | 58                | 12.00       | 12                | 131                          | 2  | 0.41        | 5                 | 1.03        | 5                       | 1.03        |
| + MERIDEN         | 24705         | 25250                     | 413               | 17.64       | 263               | 11.23       | 28                | 67                           | 16   | 0.68        | 5                 | 0.21        | 4                       | 0.17        |
| + MONKS KIRBY     | -             | -                         | 7                 | 18.91       | 3                 | 8.10        | -                 | -                            | -  | -           | -                 | -           | -                       | -           |
| + NUNEATON        | -             | -                         | 40                | 28.98       | 22                | 15.94       | 6                 | 150                          | 3  | 2.17        | -                 | -           | 1                       | 0.72        |
| RUGBY.            | 17890         | 18190                     | 316               | 16.48       | 200               | 10.43       | 15                | 47                           | 11   | 0.57        | 5                 | 0.26        | 8                       | 0.41        |
| SHIPSTON-ON-STOUR | 7683          | 7670                      | 110               | 14.34       | 122               | 15.90       | 9                 | 81                           | 7  | 0.91        | 1                 | 0.13        | -                       | -           |
| + SOLIHULL        | -             | -                         | 129               | 15.94       | 89                | 11.01       | 7                 | 54                           | 4  | 0.49        | 3                 | 0.37        | 3                       | 0.37        |
| SOUTHAM           | 11188         | 11410                     | 186               | 16.30       | 154               | 13.49       | 8                 | 43                           | 5  | 0.43        | 6                 | 0.52        | 5                       | 0.43        |
| STRATFORD-ON-AVON | 14114         | 14280                     | 227               | 16.41       | 170               | 12.29       | 7                 | 30                           | 5  | 0.36        | -                 | -           | 6                       | 0.43        |
| TANWORTH          | 14026         | 14050                     | 248               | 16.89       | 148               | 10.08       | 13                | 52                           | 6  | 0.40        | 1                 | 0.06        | 4                       | 0.27        |
| WARWICK.          | 13741         | 13430                     | 157               | 11.86       | 146               | 11.10       | 6                 | 38                           | 14   | 0.30        | 5                 | 0.30        | 5                       | 0.30        |
| TOTAL RURAL:      | 136445        | 137800                    | 2493              | 16.45       | 1782              | 11.76       | 150               | 60                           | 86   | 0.56        | 44                | 0.29        | 65                      | 0.42        |
| COUNTY TOTALS.    | 351764        | 357800                    | 5558              | 15.38       | 4164              | 11.52       | 311               | 55                           | 185  | 0.51        | 82                | 0.22        | 180                     | 0.49        |

NOTE - CENSUS 1921-POPULATION FIGURES ARE IN RESPECT OF COUNTY DISTRICTS AS CONSTITUTED AT APRIL 1ST, 1932 -

+ FIGURES GIVEN IN RESPECT OF THESE DISTRICTS RELATED TO THE PERIOD JAN. 1st to 16 MARCH 31st ONLY - PRIOR TO ALTERATION OF COUNTY DISTRICTS AS FROM APRIL 1ST, 1932 - - -



B1. Notification of Infectious Diseases.—SUMMARY OF RETURNS OF MEDICAL OFFICERS OF HEALTH for the Period ended 26th March, 1932.

|                   | Estimated<br>Civilian<br>Population<br>as at June 30th,<br>1932. |            |                |  |  |   |            |          |         |                     |                       |                              |                          |                                   |                             |               |                     |                     |               |            |                           |             |              |                 |  |                 |              |   |                 |
|-------------------|--|------------|----------------|--|--|---|------------|----------|---------|---------------------|-----------------------|------------------------------|--------------------------|-----------------------------------|-----------------------------|---------------|---------------------|---------------------|---------------|------------|---------------------------|-------------|--------------|-----------------|--|-----------------|--------------|---|-----------------|
|                   |  | 1          | 2              | 3  | 4  | 5   | 6          | 7        | 8       | 9                   | 10                    | 11                           | 12                       | 13                                | 14                          | 15            | 16                  | 17                  | 18            | 19         | 20                        | 21          | Tuberculosis |                 | Malaria.                                       |                 | 26           | 27  | 28              |
|                   |  | Small Pox. | Scarlet Fever. | Diphtheria In-<br>cluding Mem-<br>branous Croup. | Enteric Fever,<br>(Typhoid and<br>Para-Typhoid). | Paratyphoid<br>Cases included<br>in Column 4. | Pneumonia. | Cholera. | Plague. | Puerperal<br>Fever. | Puerperal<br>Pyrexia. | Cerebro-<br>Spinal<br>Fever. | Acute<br>Polio-myelitis. | Acute<br>Polio-en-<br>cephalitis. | Encephalitis<br>Lethargica. | Typhus Fever. | Relapsing<br>Fever. | Continued<br>Fever. | Trench Fever. | Dysentery. | Ophthalmia<br>Neonatorum. | Erysipelas. | Pulmonary.   | Other<br>Forms. | Stated to be<br>Contracted in<br>this country. | Other<br>Cases. | Chicken-Pox. | Measles (ex-<br>cluding Ger-<br>man Measles). | Whooping Cough. |
| URBAN:—           |  |            |                |  |  |   |            |          |         |                     |                       |                              |                          |                                   |                             |               |                     |                     |               |            |                           |             |              |                 |  |                 |              |   |                 |
| Bedworth          | 17,240   | ...        | 2              | 7  | ...  | ...   | 9          | ...      | ...     | ...                 | ...                   | 1                            | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | 1                         | 4           | 2            | 1               | 1  | ...             | ...          | ...   | ...             |
| Bulkington        | 7,700  | ...        | 1              | ...  | ...  | 1   | 4          | ...      | ...     | ...                 | 1                     | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | 1                         | 4           | 1            | 2               | 1  | ...             | ...          | ...   | ...             |
| Kenilworth        | 30,270   | ...        | 13             | 1  | ...  | ...   | 42         | ...      | ...     | 2                   | 1                     | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | 1                         | 2           | 3            | 3               | ...  | ...             | ...          | ...   | ...             |
| Leamington Spa    | 46,830   | 4          | 14             | 2  | ...  | ...   | 41         | ...      | ...     | ...                 | 1                     | 7                            | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | 2                         | 4           | 12           | 3               | ...  | ...             | ...          | ...   | ...             |
| Nuneaton          | 35,110   | ...        | 1              | 1  | ...  | ...   | 23         | ...      | ...     | ...                 | 2                     | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | 3                         | 1           | 6            | ...             | ...  | ...             | ...          | ...   | ...             |
| Rugby             | 11,750   | ...        | 5              | 3  | ...  | ...   | 20         | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | 1                         | 2           | 4            | ...             | ...  | ...             | ...          | ...   | ...             |
| Stratford-on-Avon | 30,310   | ...        | 11             | 8  | ...  | ...   | 18         | ...      | ...     | ...                 | 2                     | ...                          | ...                      | 1                                 | ...                         | ...           | ...                 | ...                 | ...           | ...        | 1                         | 1           | 2            | 2               | ...  | ...             | ...          | ...   | ...             |
| Sutton Coldfield  | 13,660   | ...        | 2              | 5  | ...  | ...   | 12         | ...      | ...     | ...                 | ...                   | 1                            | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | 3           | 2            | 1               | ...  | ...             | ...          | ...   | ...             |
| Warwick           | ...  | ...        | ...            | ...  | ...  | ...   | ...        | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| RURAL:—           |  |            |                |  |  |   |            |          |         |                     |                       |                              |                          |                                   |                             |               |                     |                     |               |            |                           |             |              |                 |  |                 |              |   |                 |
| Alcester          | 11,480   | ...        | 7              | 5  | ...  | ...   | 31         | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | 1                         | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Atherstone        | 22,040   | ...        | 8              | 2  | ...  | ...   | 52         | ...      | ...     | 1                   | ...                   | 3                            | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | 2           | ...          | 7               | 2  | ...             | ...          | ...   | ...             |
| Farnborough       | ...  | ...        | ...            | ...  | ...  | ...   | ...        | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Foleshill         | ...  | ...        | 3              | 1  | ...  | ...   | 9          | ...      | ...     | ...                 | 1                     | 1                            | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | 3           | ...          | ...             | 1  | ...             | ...          | ...   | ...             |
| Meriden           | 25,250   | ...        | 14             | ...  | 1  | ...   | 21         | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | 1                           | ...           | ...                 | ...                 | ...           | ...        | ...                       | 2           | ...          | 2               | ...  | ...             | ...          | ...   | ...             |
| Monks Kirby       | ...  | ...        | ...            | ...  | ...  | ...   | 1          | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Nuneaton          | ...  | ...        | 2              | 3  | ...  | ...   | 5          | ...      | ...     | ...                 | ...                   | ...                          | 1                        | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | 2                         | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Rugby             | 18,190   | ...        | 10             | ...  | 1  | ...   | 12         | ...      | ...     | ...                 | 2                     | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Shipston-on-Stour | 7,670  | ...        | 1              | 1  | ...  | ...   | 11         | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Solihull          | ...  | ...        | 9              | 3  | ...  | ...   | 8          | ...      | ...     | 1                   | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Southam           | 11,410   | ...        | 12             | ...  | ...  | ...   | 13         | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Stratford-on-Avon | 14,280   | ...        | 1              | 1  | ...  | ...   | 16         | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Tamworth          | 14,050   | ...        | 17             | 2  | ...  | ...   | 16         | ...      | ...     | ...                 | 1                     | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| Warwick           | 13,430   | ...        | 5              | ...  | ...  | ...   | 15         | ...      | ...     | ...                 | ...                   | ...                          | ...                      | ...                               | ...                         | ...           | ...                 | ...                 | ...           | ...        | ...                       | ...         | ...          | ...             | ...  | ...             | ...          | ...   | ...             |
| TOTALS            | ...  | 4          | 138            | 45   | 20   | 20  | 380        | ...      | ...     | 4                   | 12                    | 13                           | 1                        | 1                                 | 1                           | ...           | ...                 | ...                 | ...           | ...        | 12                        | 37          | 64           | 25              | ...  | ...             | 98           | 3   | ...             |







B2. Notification of Infectious Diseases.— SUMMARY OF RETURNS OF MEDICAL OFFICERS OF HEALTH for the 9 months ended 31st December, 1932.

|  | Estimated<br>Civilian<br>Population<br>as at June 30th,<br>1932. | Tuberculosis |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Malaria. |  |
|--|--|--------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|--|
|  |  | 1            | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |          |  |
|  | Small Pox.   | 1            | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |          |  |
|  | Scarlet Fever.   |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Diphtheria in-<br>cluding Mem-<br>branous Croup.                 |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Enteric Fever,<br>(Typhoid and<br>Para-Typhoid).                 |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Paratyphoid<br>Cases included<br>in Column 4.                    |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Pneumonia.   |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Cholera.   |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Plague.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Puerperal<br>Fever.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Puerperal<br>Pyrexia.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Cerebro-<br>Spinal<br>Fever.                                     |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Acute<br>Polio-myelitis.   |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Acute<br>Polio-en-<br>cephalitis.                                |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Encephalitis<br>Lethargica.                                      |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Typhus Fever.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Relapsing<br>Fever.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Continued<br>Fever.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Trench Fever.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Dysentery.   |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Ophthalmia<br>Neonatorum.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Erysipelas.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Pulmonary.   |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  |  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Other<br>Forms.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  |  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Stated to be<br>Contracted in<br>this country.                   |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  |  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Other<br>Cases.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  |  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Chicken-Pox.   |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Measles (ex-<br>cluding Ger-<br>man Measles).                    |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |
|  | Whooping Cough.  |              |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |  |

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**C. RETURN** shewing the number of Births Registered, together with the number of such cases successfully Vaccinated or otherwise disposed of in the Districts of the COUNTY OF WARWICK during the year ending 31st December, 1932.

| VACCINATION DISTRICTS.   | No. of Births Registered during the year ending 31st Dec. 1931. | No. of these cases successfully Vaccinated during 1932. | Insusceptible of Vaccination. | Died before Vaccination. | Cases under Postpone-ment. | Removals to other Vaccina-tion Districts | No. of cases not to be found. | Number of cases remaining Unvaccinated at end of 1932. | No. of Conscien-tious Certificates. |
|--------------------------|---|---|-------------------------------|--------------------------|----------------------------|--|-------------------------------|--|-------------------------------------|
| Atherstone ... ..        | 411   | 81  | ...                           | 16                       | ...                        | 1  | ...                           | 73   | 240                                 |
| Meriden ... ..           | 280   | 128   | 1                             | 12                       | 3                          | ...                                      | 16                            | 29   | 91                                  |
| Sutton Coldfield ... ..  | 341   | 203   | 8                             | 12                       | 4                          | 3  | 4                             | 4  | 103                                 |
| Tamworth ... ..          | 235   | 84  | ...                           | 8                        | 1                          | ...                                      | ...                           | 7  | 135                                 |
| Nuneaton ... ..          | 1026  | 91  | ...                           | 41                       | 10                         | 6  | 46                            | 29   | 803                                 |
| Bedworth ... ..          | 330   | 43  | ...                           | 26                       | 1                          | 3  | 16                            | 10   | 231                                 |
| Solihull ... ..          | 340   | 140   | 2                             | 9                        | ...                        | 21                                       | 42                            | 32   | 94                                  |
| Rugby ... ..             | 542   | 69  | 1                             | 28                       | 4                          | ...                                      | 7                             | 20   | 413                                 |
| Dunchurch ... ..         | 91  | 27  | ...                           | 3                        | 2                          | ...                                      | ...                           | 4  | 55                                  |
| Leamington Spa ... ..    | 477   | 125   | ...                           | 21                       | 4                          | 12                                       | 2                             | 2  | 311                                 |
| Warwick ... ..           | 245   | 87  | 3                             | 13                       | ...                        | 9  | 2                             | ...  | 131                                 |
| Kenilworth ... ..        | 160   | 60  | ...                           | 2                        | 1                          | ...                                      | 1                             | 8  | 88                                  |
| Southam ... ..           | 137   | 34  | ...                           | 3                        | ...                        | ...                                      | 2                             | ...  | 98                                  |
| Stratford-on-Avon ... .. | 206   | 66  | ...                           | 8                        | ...                        | 2  | 2                             | ...  | 128                                 |
| Alcester ... ..          | 181   | 39  | 1                             | 14                       | 1                          | 1  | 1                             | ...  | 124                                 |
| Wellesbourne ... ..      | 102   | 45  | 1                             | 1                        | ...                        | 1  | 2                             | 1  | 51                                  |
| Shipston-on-Stour ... .. | 81  | 17  | 1                             | 5                        | 3                          | ...                                      | ...                           | ...  | 55                                  |
| TOTALS ... ..            | 5,185   | 1,339   | 18                            | 222                      | 34                         | 59                                       | 143                           | 219  | 3,151                               |





ANNUAL RETURN SHOWING THE WORK OF THE TUBERCULOSIS  
DISPENSARIES DURING THE YEAR 1932.

| DIAGNOSIS.   | PULMONARY. |     |           |    | NON-PULMONARY. |    |           |    | TOTAL.  |     |           |     | GRAND TOTAL. |  |
|--|------------|-----|-----------|----|----------------|----|-----------|----|---------|-----|-----------|-----|--------------|--|
|  | ADULTS.    |     | CHILDREN. |    | ADULTS.        |    | CHILDREN. |    | ADULTS. |     | CHILDREN. |     |              |  |
|  | M.         | F.  | M.        | F. | M.             | F. | M.        | F. | M.      | F.  | M.        | F.  |              |  |
| -NEW CASES examined during the year (excluding contacts) :—  |            |     |           |    |                |    |           |    |         |     |           |     |              |  |
| a) Definitely tuberculous .. .. .  | 97         | 75  | 5         | 6  | 12             | 13 | 17        | 9  | 109     | 88  | 22        | 15  | 671          |  |
| b) Diagnosis not completed .. .. .   | ..         | ..  | ..        | .. | ..             | .. | ..        | .. | 7       | 4   | 4         | 1   |              |  |
| c) Non-tuberculous .. .. .   | ..         | ..  | ..        | .. | ..             | .. | ..        | .. | 166     | 129 | 75        | 51  |              |  |
| -CONTACTS examined during the year :—  |            |     |           |    |                |    |           |    |         |     |           |     |              |  |
| a) Definitely tuberculous .. .. .  | ..         | 3   | ..        | 1  | ..             | .. | 2         | .. | ..      | 3   | 2         | 1   | 350          |  |
| b) Diagnosis not completed .. .. .   | ..         | ..  | ..        | .. | ..             | .. | ..        | .. | ..      | ..  | ..        | ..  |              |  |
| c) Non-tuberculous .. .. .   | ..         | ..  | ..        | .. | ..             | .. | ..        | .. | 51      | 91  | 93        | 109 |              |  |
| -CASES WRITTEN OFF the Dispensary Register as :—   |            |     |           |    |                |    |           |    |         |     |           |     |              |  |
| a) Recovered .. .. .   | 22         | 25  | 4         | 2  | 6              | 6  | 20        | 5  | 28      | 31  | 24        | 7   | 870          |  |
| b) Non-tuberculous (including any such cases previously diagnosed and entered on the Dispensary Register as tuberculous) .. .. . | ..         | ..  | ..        | .. | ..             | .. | ..        | .. | 222     | 227 | 170       | 161 |              |  |
|  |            |     |           |    |                |    |           |    |         |     |           |     |              |  |
| -NUMBER OF PERSONS on Dispensary Register on December 31st :—  |            |     |           |    |                |    |           |    |         |     |           |     |              |  |
| a) Definitely tuberculous .. .. .  | 336        | 263 | 30        | 23 | 62             | 70 | 67        | 49 | 398     | 333 | 97        | 72  | 916          |  |
| b) Diagnosis not completed .. .. .   | ..         | ..  | ..        | .. | ..             | .. | ..        | .. | 7       | 4   | 4         | 1   |              |  |

|  |  |  |  |         |
|--|--|--|--|---------|
| 1.—Number of cases on Dispensary Register on January 1st .. .. .   |  |  |  | 919     |
| 2.—Number of cases transferred to other areas, cases not desiring further assistance under the scheme, and cases "lost sight of" .. .. . |  |  |  | 61      |
| 5.—Number of attendances at the Dispensary (including contacts) .. .. .  |  |  |  | 2646    |
| 7.—Number of consultations with medical practitioners :—   |  |  |  |         |
| (a) Personal .. .. .   |  |  |  | (a) 131 |
| (b) Other .. .. .  |  |  |  | (b) 815 |
| 9.—Number of Visits by Nurses or Health Visitors to homes for Dispensary purposes .. .. .  |  |  |  | 3634    |
| 11.—Number of "Recovered" cases restored to Dispensary Register, and included in A(a) and A(b) above .. .. .                             |  |  |  | 1       |
| (B) Number of Dispensaries for the treatment of Tuberculosis (excluding centres used only for special forms of treatment) :—             |  |  |  |         |
| Provided by the { Council<br>Joint Committee }   |  |  |  | 7       |
| Provided by Voluntary Bodies .. .. .   |  |  |  | 0       |

|   |  |  |  |          |
|---|--|--|--|----------|
| 2.—Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years .. .. . |  |  |  | 49       |
| 4.—Cases written off during the year as Dead (all causes) .. .. .   |  |  |  | 142      |
| 6.—Number of Insured Persons under Domiciliary Treatment on the 31st December .. .. .                                     |  |  |  | 203      |
| 8.—Number of visits by Tuberculosis Officers to homes (including personal consultations) ... ..                           |  |  |  | 627      |
| 10.—Number of :—  |  |  |  |          |
| (a) Specimens of sputum, etc., examined ..  |  |  |  | (a) 1072 |
| (b) X-Ray examinations made in connection with Dispensary work .. .. .  |  |  |  | (b) 670  |
| 12.—Number of "T.B. plus" cases on Dispensary Register on December 31st .. .. .   |  |  |  | 480      |









## F. Work of County Health Visitors on Infant Visiting, 1932.

| Total No. of Visits. |                 | Total No. of 1st Visits. |                      | Total No. of Re-visits. |                         | Nurse Children. |            | Ante-Natal Visits. |            | No. of Health Visitors attending at Infant Welfare Centres. | Total No. of attendances at Infant Welfare Centres of |               |            |               | Total Nos. on Register of Infant Welfare Centres:— |                    | H.V.'s attendances at Ante-Natal Clinics.   |    |
|----------------------|-----------------|--------------------------|----------------------|-------------------------|-------------------------|-----------------|------------|--------------------|------------|---|---|---------------|------------|---------------|--|--------------------|---|----|
| Under 12 Months.     | 12 months—5 yrs | Under 12 Months          | 12 months—5 yrs.     | Under 12 Months         | 12 Months—5 years       | 1st Visits.     | Re-Visits. | 1st Visits.        | Re-Visits. | 1106  | Mothers   | Children 0—1. |            | Children 1—5. |  | Expectant Mothers. | Mothers .. 2819<br>Children 0—1 .. 1177<br>Children 1—5 .. 1827<br>Expectant Mothers .. 165 | 94 |
|                      |                 |                          |                      |                         |                         |                 |            |                    |            |   |   | 1st           | Subsequent | 1st           | Subsequent   |                    |   |    |
| 12,500               | 8,228           | Under 12 Months 3,372    | 12 months—5 yrs. 800 | Under 12 Months 9,128   | 12 Months—5 years 7,428 | 50              | 331        | 522                | 588        |   | 33446   | 1319          | 14882      | 1265          | 19912  | 705                |   |    |

## G.

### INSPECTION OF MIDWIVES, 1932.

| No. of Midwives Practising. | No. of Midwives residing in County Area. | No. of Trained Midwives Practising. | No. of Bona-fide Midwives Practising. | No. Illiterate Midwives Practising. | No. of Inspections. | No. of Visits. | No. of Cases taken by Midwives. |           | No. of Suspensions |
|-----------------------------|--|-------------------------------------|---------------------------------------|-------------------------------------|---------------------|----------------|---------------------------------|-----------|--------------------|
|                             |  |                                     |                                       |                                     |                     |                | Midwifery                       | Maternity |                    |
| 237                         | 180                                      | 225                                 | 12                                    | 5                                   | 417.                | 586            | 2,593                           | 958       | 9                  |



H. TUBERCULOSIS WORK OF COUNTY HEALTH VISITORS, 1932.

| DISTRICTS. | Total                                   | 345                | 274               | 278  | 1026                            | 94                   | 1672                  | 114                    | 316                     | 112                | 100                   | 68                 | 17      | 181                              | 128              | 4  | 451 |
|------------|---|--------------------|-------------------|--|---------------------------------|----------------------|-----------------------|------------------------|-------------------------|--------------------|-----------------------|--------------------|---------|----------------------------------|------------------|--|-----|
|            | Total number of Cases notified in 1932. | No. of 1st Visits. | No. of Re-Visits. | No. of Visits to Cases left from Previous Years. | No of Visits to Ex-Service Men. | Total No. of Visits. | Sanatorium Treatment. | Domiciliary Treatment. | Disinfectant. Provided. | Sputum Flask used. | Ventilation Improved. | Shelters Provided. | Deaths. | Unvisited or Visit not required. | Cases not found. | No. of Attendances of Health Visitor. at Dispensary. |     |

I. Annual Report on Cases of Inflammation of Eyes visited by Inspectors of Midwives, 1932.

| Total No of Cases. | No. of Cases reported by Trained Midwives | No. of Cases reported by Bona-fide Midwives | No. of Cases Notified by Doctors as Ophthalmia. | No. of Cases in which Doctor and Trained Midwife attended at Birth. | No. of Cases in which Doctor and Bona-fide Midwife attended at Birth. | No. of Cases in which Doctor and Handy Woman attended at Birth. | No. of Cases attended at Birth by Mid-wife only. | No. of First Visits | No. of Re-visits |
|--------------------|---|---|---|---|---|---|--|---------------------|------------------|
| 63                 | 45  | 1   | 24  | 11  | ...   | ...   | 52   | 59                  | 92               |





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